

NTP Historical Controls Report

By Route and Vehicle

MICE

March 2010

REPORT DESCRIPTION

This report shows the tumor rates of control group animals from selected studies. The studies used are shown on the Study Summary page.

This report is broken up into sections based on the route and vehicle used to deliver the chemical. The Table of Contents on Page 3 shows the different Route/Vehicle combinations. To see the data from all routes and vehicles combined into one set, you must run the "All Routes" report.

The individual tumor rates shown on the data pages of the report relate to the Study Summary page as follows: the tumor rates are shown in the same order as the Study Summary page, except that they are grouped horizontally in sets of three, with the males in the first set of three and the females in the second set. For example if the study summary showed the studies like this:

Male

M1

M2

M3

M4

M5

Female

F1

F2

F3

F4

F5

the data would be shown as:

Male			Female		
M1	M2	M3	F1	F2	F3
M4	M5		F4	F5	

Directly beneath the individual tumor rates on the data pages are the overall totals for that tumor/site combination. This includes the total tumors/animals, the overall mean (in parentheses), the mean of the study means, and the standard deviation of the study means.

Studies with no control animals of a particular gender are listed on the summary page with the Number of Animals shown as zero and the Start Date and Length of Study shown as "N/A". On the data pages there are blank spaces where tumor rates for these studies would normally be found, so that the male and female rates for the remaining studies can be easily compared.

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Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Report Date: 03/22/2010

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Columbus Laboratory	058810504	05/09/02	728	50(1)	39(688)	56.7	Isoeugenol
Battelle Columbus Laboratory	052000706	08/24/04	730	50(1)	34(689)	56.4	Kava kava extract
Battelle Columbus Laboratory	059902304	04/11/02	728	50(1)	34(692)	56.2	beta-Myrcene
Battelle Columbus Laboratory	059902006	04/15/03	730	50(1)	38(691)	56.6	Pulegone
Battelle Columbus Laboratory	058814807	02/04/03	728	50(1)	35(702)	52.7	3,3',4,4'-Tetrachloroazobenzene
Female							
Battelle Columbus Laboratory	058810504	05/08/02	727	49(5)	34(679)	65.0	Isoeugenol
Battelle Columbus Laboratory	052000706	08/23/04	729	50(5)	38(695)	66.2	Kava kava extract
Battelle Columbus Laboratory	059902304	04/10/02	727	50(5)	39(705)	64.1	beta-Myrcene
Battelle Columbus Laboratory	059902006	04/14/03	729	49(5)	35(705)	64.9	Pulegone
Battelle Columbus Laboratory	058814807	02/03/03	731	50(5)	35(675)	63.2	3,3',4,4'-Tetrachloroazobenzene

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female			
#All Organs:									
Benign Tumors									
		33/50 (66%)	34/50 (68%)	33/50 (66%)			20/49 (41%)	26/50 (52%)	21/50 (42%)
		30/50 (60%)	30/50 (60%)				27/49 (55%)	24/50 (48%)	
Overall Incidence	Total	160/250 (64%)	Mean 64%	SD 3.74%	Total	118/248 (47.58%)	Mean 47.58%	SD 6.19%	
#All Organs:									
Malignant Tumors									
		20/50 (40%)	32/50 (64%)	30/50 (60%)			21/49 (43%)	19/50 (38%)	14/50 (28%)
		19/50 (38%)	28/50 (56%)				20/49 (41%)	13/50 (26%)	
Overall Incidence	Total	129/250 (51.6%)	Mean 51.6%	SD 11.87%	Total	87/248 (35.08%)	Mean 35.13%	SD 7.66%	
#All Organs:									
Malignant and Benign Tumors									
		43/50 (86%)	47/50 (94%)	43/50 (86%)			34/49 (69%)	39/50 (78%)	30/50 (60%)
		38/50 (76%)	41/50 (82%)				40/49 (82%)	29/50 (58%)	
Overall Incidence	Total	212/250 (84.8%)	Mean 84.8%	SD 6.57%	Total	172/248 (69.35%)	Mean 69.4%	SD 10.51%	
#All Organs:									
Hemangioma									
		0/50 (0%)	2/50 (4%)	0/50 (0%)			0/49 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)				1/49 (2%)	1/50 (2%)	
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.79%	Total	4/248 (1.61%)	Mean 1.61%	SD 1.68%	
#All Organs:									
Hemangiosarcoma									
		3/50 (6%)	6/50 (12%)	7/50 (14%)			1/49 (2%)	1/50 (2%)	1/50 (2%)
		3/50 (6%)	3/50 (6%)				3/49 (6%)	0/50 (0%)	
Overall Incidence	Total	22/250 (8.8%)	Mean 8.8%	SD 3.9%	Total	6/248 (2.42%)	Mean 2.43%	SD 2.24%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female			
#All Organs:									
Hemangiosarcoma or Hemangioma									
		3/50 (6%)	8/50 (16%)	7/50 (14%)		1/49 (2%)	1/50 (2%)	3/50 (6%)	
		3/50 (6%)	3/50 (6%)			4/49 (8%)	1/50 (2%)		
Overall Incidence	Total	24/250 (9.6%)	Mean 9.6%	SD 4.98%	Total	10/248 (4.03%)	Mean 4.04%	SD 2.88%	
#All Organs:									
Histiocytic Sarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	3/50 (6%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			3/49 (6%)	1/50 (2%)		
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	7/248 (2.82%)	Mean 2.82%	SD 3.07%	
#All Organs:									
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type									
		0/50 (0%)	2/50 (4%)	1/50 (2%)		11/49 (22%)	6/50 (12%)	7/50 (14%)	
		1/50 (2%)	1/50 (2%)			6/49 (12%)	2/50 (4%)		
Overall Incidence	Total	5/250 (2%)	Mean 2%	SD 1.41%	Total	32/248 (12.9%)	Mean 12.94%	SD 6.57%	
#All Organs:									
Mesothelioma: Benign, Malignant, NOS									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%	
#All Organs:									
Mesothelioma: Malignant									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female								
#All Organs:														
Osteoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#All Organs:														
Osteosarcoma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)	1/49	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%
#All Organs:														
Osteosarcoma or Osteoma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)	1/49	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%
*Adrenal Cortex:														
Adenoma														
		3/50	(6%)	0/50	(0%)	2/50	(4%)	0/48	(0%)	0/50	(0%)	1/50	(2%)	
		1/50	(2%)	3/50	(6%)			1/49	(2%)	0/49	(0%)			
Overall Incidence	Total	9/250	(3.6%)	Mean	3.6%	SD	2.61%	Total	2/246	(0.81%)	Mean	0.81%	SD	1.11%
*Adrenal Cortex:														
Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female								
*Adrenal Medulla: Pheochromocytoma Benign		0/50 1/50	(0%) (2%)	0/50 0/50	(0%) (0%)	0/50	(0%)	0/48 1/49	(0%) (2%)	0/50 0/49	(0%) (0%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/246	(0.41%)	Mean	0.41%	SD	0.91%
*Adrenal Medulla: Pheochromocytoma Complex		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)	0/48 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%
*Adrenal Medulla: Pheochromocytoma Malignant		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)	0/48 0/49	(0%) (0%)	0/50 1/49	(0%) (2%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/246	(0.41%)	Mean	0.41%	SD	0.91%
*Adrenal Medulla: Pheochromocytoma: Benign, Complex, Malignant, NOS		0/50 1/50	(0%) (2%)	0/50 0/50	(0%) (0%)	0/50	(0%)	0/48 1/49	(0%) (2%)	0/50 1/49	(0%) (2%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	2/246	(0.81%)	Mean	0.82%	SD	1.12%
*Bone Marrow: Hemangioma		0/50 0/50	(0%) (0%)	1/50 0/50	(2%) (0%)	0/50	(0%)	0/48 0/49	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/247	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
*Bone Marrow: Hemangiosarcoma														
		0/50	(0%)	2/50	(4%)	0/50	(0%)			0/48	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)					1/49	(2%)	0/50	(0%)	
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	1/247	(0.4%)	Mean	0.41%	SD	0.91%
.....														
*Bone Marrow: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/48	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%
.....														
#Bone: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Bone: Osteoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Bone: Osteosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/49	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
#Bone:														
Osteosarcoma or Osteoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/49	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%
#Brain:														
Meningioma Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%
#Brain:														
Meningioma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/247	(0%)	Mean	0%	SD	0%
#Brain:														
Meningioma: Benign, Malignant, NOS														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/247	(0%)	Mean	0%	SD	0%
#Brain:														
Schwannoma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
*Clitoral/Preputial Gland: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/47	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)					0/47	(0%)	0/49	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/241	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/47	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)					0/47	(0%)	1/49	(2%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/241	(0.41%)	Mean	0.41%	SD	0.91%
*Clitoral/Preputial Gland: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/47	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)					0/47	(0%)	1/49	(2%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/241	(0.41%)	Mean	0.41%	SD	0.91%
*Clitoral/Preputial Gland: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/47	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)					0/47	(0%)	0/49	(0%)	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/241	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	1/50	(2%)			0/47	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)					0/47	(0%)	0/49	(0%)	
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/241	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
*Clitoral/Preputial Gland: Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	0/49	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)				0/47	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/241	(0%)	Mean	0%	SD	0%
.....														
#Esophagus: Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Eye: Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Harderian Gland: Adenoma														
		8/50	(16%)	5/50	(10%)	9/50	(18%)		3/49	(6%)	5/50	(10%)	4/50	(8%)
		6/50	(12%)	6/50	(12%)				7/49	(14%)	14/50	(28%)		
Overall Incidence	Total	34/250	(13.6%)	Mean	13.6%	SD	3.29%	Total	33/248	(13.31%)	Mean	13.28%	SD	8.77%
.....														
#Harderian Gland: Carcinoma														
		4/50	(8%)	0/50	(0%)	1/50	(2%)		1/49	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)				1/49	(2%)	0/50	(0%)		
Overall Incidence	Total	6/250	(2.4%)	Mean	2.4%	SD	3.29%	Total	2/248	(0.81%)	Mean	0.82%	SD	1.12%
.....														

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female					
#Harderian Gland: Carcinoma or Adenoma											
		12/50 (24%)	5/50 (10%)	9/50 (18%)		4/49 (8%)	5/50 (10%)	4/50 (8%)			
		7/50 (14%)	6/50 (12%)			8/49 (16%)	14/50 (28%)				
Overall Incidence	Total	39/250 (15.6%)	Mean 15.6%	SD 5.55%	Total	35/248 (14.11%)	Mean 14.1%	SD 8.48%			
#Harderian Gland: Sarcoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%			
#Heart: Hemangioma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/49 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/247 (0%)	Mean 0%	SD 0%			
#Heart: Hemangiosarcoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/49 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/247 (0%)	Mean 0%	SD 0%			
#Intestine Large: Cecum: Carcinoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%			

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female							
#Intestine Large: Cecum: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Intestine Large: Cecum: Leiomyoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Intestine Large: Colon/Rectum: Leiomyosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Intestine Small: Duodenum: Adenoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/49	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%	
#Intestine Small: Duodenum: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female							
#Intestine Small: Duodenum: Leiomyosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Intestine Small: Duodenum: Polyp Adenomatous															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Intestine Small: Ileum: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Intestine Small: Ileum: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Intestine Small: Ileum: Polyp Adenomatous															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
#Intestine Small: Jejunum: Adenoma														
		0/50	(0%)	1/50	(2%)	0/50 (0%)		0/49	(0%)	1/50	(2%)	0/50 (0%)		
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%
#Intestine Small: Jejunum: Carcinoma														
		0/50	(0%)	1/50	(2%)	0/50 (0%)		0/49	(0%)	0/50	(0%)	1/50 (2%)		
		0/50	(0%)	2/50	(4%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.79%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%
#Intestine Small: Jejunum: Hemangiosarcoma														
		1/50	(2%)	0/50	(0%)	0/50 (0%)		0/49	(0%)	0/50	(0%)	0/50 (0%)		
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/248	(0%)	Mean	0%	SD	0%
#Intestine Small: Jejunum: Leiomyosarcoma														
		0/50	(0%)	0/50	(0%)	0/50 (0%)		0/49	(0%)	0/50	(0%)	0/50 (0%)		
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Intestine Small: Site Unspecified: Adenoma														
		0/50	(0%)	2/50	(4%)	0/50 (0%)		0/49	(0%)	2/50	(4%)	0/50 (0%)		
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	2/248	(0.81%)	Mean	0.8%	SD	1.79%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female			
#Intestine Small: Site Unspecified: Carcinoma									
		0/50 (0%)	1/50 (2%)		0/50 (0%)		0/49 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	2/50 (4%)				0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%		Total	1/248 (0.4%)	Mean 0.4%	SD 0.89%
.....									
#Intestine Small: Site Unspecified: Carcinoma or Adenoma									
		0/50 (0%)	3/50 (6%)		0/50 (0%)		0/49 (0%)	2/50 (4%)	1/50 (2%)
		0/50 (0%)	2/50 (4%)				0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	5/250 (2%)	Mean 2%	SD 2.83%		Total	3/248 (1.21%)	Mean 1.2%	SD 1.79%
.....									
#Intestine Small: Site Unspecified: Hemangiosarcoma									
		1/50 (2%)	0/50 (0%)		0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)				0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%		Total	0/248 (0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Site Unspecified: Leiomyosarcoma									
		0/50 (0%)	0/50 (0%)		0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)				0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/248 (0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Site Unspecified: Polyp Adenomatous									
		0/50 (0%)	0/50 (0%)		0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)				0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/248 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
*Islets, Pancreatic: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	1/49	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	2/245	(0.82%)	Mean	0.81%	SD	1.11%
.....														
*Islets, Pancreatic: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	2/50	(4%)				0/49	(0%)	1/49	(2%)		
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	1/245	(0.41%)	Mean	0.41%	SD	0.91%
.....														
*Islets, Pancreatic: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	2/50	(4%)				0/49	(0%)	2/49	(4%)		
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	3/245	(1.22%)	Mean	1.22%	SD	1.82%
.....														
*Kidney: Renal Tubule: Adenoma														
		1/50	(2%)	1/50	(2%)	1/50	(2%)		0/47	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				1/49	(2%)	0/49	(0%)		
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%	SD	1.1%	Total	1/245	(0.41%)	Mean	0.41%	SD	0.91%
.....														
*Kidney: Renal Tubule: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/245	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female							
*Kidney: Renal Tubule: Carcinoma or Adenoma													
		1/50 0/50	(2%) (0%)	1/50 0/50	(2%) (0%)	1/50 SD 1.1%	(2%)	0/47 1/49	(0%) (2%)	0/50 0/49	(0%) (0%)	0/50 SD 0.91%	(0%)
Overall Incidence	Total	3/250	(1.2%)	Mean	1.2%			Total	1/245	(0.41%)	Mean	0.41%	
*Kidney: Renal Tubule: Hemangioma													
		0/50 0/50	(0%) (0%)	1/50 0/50	(2%) (0%)	0/50 SD 0.89%	(0%)	0/47 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 SD 0%	(0%)
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%			Total	0/245	(0%)	Mean	0%	
*Kidney: Renal Tubule: Hemangiosarcoma													
		0/50 0/50	(0%) (0%)	0/50 1/50	(0%) (2%)	0/50 SD 0.89%	(0%)	0/47 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 SD 0%	(0%)
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%			Total	0/245	(0%)	Mean	0%	
*Kidney: Renal Tubule: Plasma Cell Tumor Malignant													
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD 0%	(0%)	0/47 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 SD 0%	(0%)
Overall Incidence	Total	0/250	(0%)	Mean	0%			Total	0/245	(0%)	Mean	0%	
*Kidney: Renal Tubule: Sarcoma													
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD 0%	(0%)	0/47 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 SD 0%	(0%)
Overall Incidence	Total	0/250	(0%)	Mean	0%			Total	0/245	(0%)	Mean	0%	

#: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
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		Male						Female						
*Liver:														
Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%
.....														
*Liver:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%
.....														
*Liver:														
Hemangiosarcoma														
		1/50	(2%)	5/50	(10%)	5/50	(10%)	0/49	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	12/250	(4.8%)	Mean	4.8%	SD	4.82%	Total	1/247	(0.4%)	Mean	0.4%	SD	0.89%
.....														
*Liver:														
Hepatoblastoma														
		3/50	(6%)	0/50	(0%)	4/50	(8%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		1/50	(2%)	2/50	(4%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	10/250	(4%)	Mean	4%	SD	3.16%	Total	0/247	(0%)	Mean	0%	SD	0%
.....														
*Liver:														
Hepatocellular Adenoma														
		24/50	(48%)	27/50	(54%)	26/50	(52%)	11/49	(22%)	8/50	(16%)	6/50	(12%)	
		22/50	(44%)	22/50	(44%)			13/49	(27%)	3/49	(6%)			
Overall Incidence	Total	121/250	(48.4%)	Mean	48.4%	SD	4.56%	Total	41/247	(16.6%)	Mean	16.62%	SD	8.13%
.....														

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
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Male					Female				
*Liver:									
Hepatocellular Carcinoma									
		8/50 (16%)	20/50 (40%)	14/50 (28%)		3/49 (6%)	3/50 (6%)	1/50 (2%)	
		13/50 (26%)	17/50 (34%)			5/49 (10%)	2/49 (4%)		
Overall Incidence	Total	72/250 (28.8%)	Mean 28.8%	SD 9.01%	Total	14/247 (5.67%)	Mean 5.68%	SD 3.04%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatoblastoma									
		11/50 (22%)	20/50 (40%)	16/50 (32%)		3/49 (6%)	3/50 (6%)	1/50 (2%)	
		13/50 (26%)	19/50 (38%)			5/49 (10%)	2/49 (4%)		
Overall Incidence	Total	79/250 (31.6%)	Mean 31.6%	SD 7.67%	Total	14/247 (5.67%)	Mean 5.68%	SD 3.04%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatocellular Adenoma									
		28/50 (56%)	38/50 (76%)	33/50 (66%)		13/49 (27%)	10/50 (20%)	7/50 (14%)	
		29/50 (58%)	34/50 (68%)			17/49 (35%)	4/49 (8%)		
Overall Incidence	Total	162/250 (64.8%)	Mean 64.8%	SD 8.07%	Total	51/247 (20.65%)	Mean 20.68%	SD 10.4%	
.....									
*Liver:									
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
		30/50 (60%)	38/50 (76%)	34/50 (68%)		13/49 (27%)	10/50 (20%)	7/50 (14%)	
		29/50 (58%)	34/50 (68%)			17/49 (35%)	4/49 (8%)		
Overall Incidence	Total	165/250 (66%)	Mean 66%	SD 7.21%	Total	51/247 (20.65%)	Mean 20.68%	SD 10.4%	
.....									
*Liver:									
Hepatocholangiocarcinoma									
		2/50 (4%)	4/50 (8%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	1/50 (2%)			0/49 (0%)	0/49 (0%)		
Overall Incidence	Total	7/250 (2.8%)	Mean 2.8%	SD 3.35%	Total	0/247 (0%)	Mean 0%	SD 0%	
.....									

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: CORN OIL

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Liver Cancer														
		Male						Female						
*Liver: Hepatocholangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%
*Liver: Ito Cell Tumor Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%
*Liver: Ito Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	2/50	(4%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.79%	Total	0/247	(0%)	Mean	0%	SD	0%
*Liver: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%
*Liver: Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/247	(0.4%)	Mean	0.4%	SD	0.89%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Male												Female			
*Lung: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%	
*Lung: Alveolar/Bronchiolar Adenoma															
		6/50	(12%)	9/50	(18%)	8/50	(16%)			4/48	(8%)	2/50	(4%)	4/50	(8%)
		6/50	(12%)	5/50	(10%)					1/49	(2%)	3/49	(6%)		
Overall Incidence	Total	34/250	(13.6%)	Mean	13.6%	SD	3.29%	Total	14/246	(5.69%)	Mean	5.7%	SD	2.68%	
*Lung: Alveolar/Bronchiolar Carcinoma															
		2/50	(4%)	2/50	(4%)	5/50	(10%)			0/48	(0%)	2/50	(4%)	2/50	(4%)
		3/50	(6%)	3/50	(6%)					2/49	(4%)	0/49	(0%)		
Overall Incidence	Total	15/250	(6%)	Mean	6%	SD	2.45%	Total	6/246	(2.44%)	Mean	2.42%	SD	2.21%	
*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma															
		7/50	(14%)	11/50	(22%)	13/50	(26%)			4/48	(8%)	4/50	(8%)	6/50	(12%)
		9/50	(18%)	7/50	(14%)					3/49	(6%)	3/49	(6%)		
Overall Incidence	Total	47/250	(18.8%)	Mean	18.8%	SD	5.22%	Total	20/246	(8.13%)	Mean	8.12%	SD	2.4%	
*Lung: Fibrosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: CORN OIL

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Lung Cancer Incidence by Histology Type														
		Male						Female						
<hr/>														
*Lung: Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%
<hr/>														
*Lung: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%
<hr/>														
*Lung: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%
<hr/>														
*Lung: Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%
<hr/>														
#Lymph Node: Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

		Male						Female						
#Lymph Node: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Lymph Node: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Lymph Node: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Lymph Node: Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Lymph Node, Bronchial: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female							
#Lymph Node, Mandibular: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Lymph Node, Mandibular: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Lymph Node, Mandibular: Mast Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Lymph Node, Mandibular: Plasma Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Lymph Node, Mesenteric: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

		Male						Female						
#Lymph Node, Mesenteric: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Lymph Node, Mesenteric: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Lymph Node, Mesenteric: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Mammary Gland: Adenoacanthoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			1/49	(2%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%
#Mammary Gland: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female							
#Mammary Gland: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					1/49	(2%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%	
#Mammary Gland: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					1/49	(2%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%	
#Mammary Gland: Fibroadenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					1/49	(2%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.41%	SD	0.91%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
#Mesentery:														
Fibrosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Mesentery:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%
#Mesentery:														
Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Mesentery:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
*Nose:														
Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/247	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Male					Female				
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%	
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/248 (0%)	Mean 0%	SD 0%	
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/248 (0%)	Mean 0%	SD 0%	
#Ovary: Choriocarcinoma									
						0/48 (0%)	0/49 (0%)	0/50 (0%)	
						0/49 (0%)	0/49 (0%)		
Overall Incidence	Total				Total	0/245 (0%)	Mean 0%	SD 0%	
#Ovary: Cystadenoma									
						3/48 (6%)	5/49 (10%)	2/50 (4%)	
						1/49 (2%)	2/49 (4%)		
Overall Incidence	Total				Total	13/245 (5.31%)	Mean 5.32%	SD 3.11%	

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

Male			Female			
*Ovary:						
Fibrous Histiocytoma						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		0/49 (0%)	0/49 (0%)			
Overall Incidence	Total	0/245 (0%)	Mean 0%	SD 0%		
*Ovary:						
Granulosa Cell Tumor Benign						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		1/49 (2%)	0/49 (0%)			
Overall Incidence	Total	1/245 (0.41%)	Mean 0.41%	SD 0.91%		
*Ovary:						
Granulosa Cell Tumor Malignant						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		0/49 (0%)	0/49 (0%)			
Overall Incidence	Total	0/245 (0%)	Mean 0%	SD 0%		
*Ovary:						
Granulosa Cell Tumor: Benign, Malignant, NOS						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		1/49 (2%)	0/49 (0%)			
Overall Incidence	Total	1/245 (0.41%)	Mean 0.41%	SD 0.91%		
*Ovary:						
Hemangioma						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		1/49 (2%)	1/49 (2%)			
Overall Incidence	Total	2/245 (0.82%)	Mean 0.82%	SD 1.12%		
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

Male			Female			
*Ovary: Hemangiosarcoma						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		1/49 (2%)	0/49 (0%)			
Overall Incidence	Total	1/245 (0.41%)	Mean 0.41%	SD 0.91%		
.....						
*Ovary: Leiomyosarcoma						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		0/49 (0%)	0/49 (0%)			
Overall Incidence	Total	0/245 (0%)	Mean 0%	SD 0%		
.....						
*Ovary: Luteoma						
		0/48 (0%)	1/49 (2%)	1/50 (2%)		
		0/49 (0%)	0/49 (0%)			
Overall Incidence	Total	2/245 (0.82%)	Mean 0.81%	SD 1.11%		
.....						
*Ovary: Plasma Cell Tumor Malignant						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		0/49 (0%)	0/49 (0%)			
Overall Incidence	Total	0/245 (0%)	Mean 0%	SD 0%		
.....						
*Ovary: Teratoma Benign						
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
		0/49 (0%)	1/49 (2%)			
Overall Incidence	Total	1/245 (0.41%)	Mean 0.41%	SD 0.91%		
.....						
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Length of Study: CHRONIC

Vehicle: CORN OIL

Report Date: 03/22/2010

Overall Incidence											
Male						Female					
*Ovary: Teratoma Malignant											
		0/48 (0%)		0/49 (0%)		0/50 (0%)					
		0/49 (0%)		0/49 (0%)							
Overall Incidence		Total		0/245 (0%)		Mean 0%				SD 0%	
*Ovary: Tubulostromal Adenoma											
		0/48 (0%)		0/49 (0%)		0/50 (0%)					
		0/49 (0%)		0/49 (0%)							
Overall Incidence		Total		0/245 (0%)		Mean 0%				SD 0%	
*Pancreas: Adenoma											
		0/50 (0%)		0/50 (0%)		0/50 (0%)					
		0/50 (0%)		0/50 (0%)							
Overall Incidence		Total		0/250 (0%)		Mean 0%		SD 0%		Total	
										0/244 (0%)	
										Mean 0%	
										SD 0%	
*Pancreas: Carcinoma											
		0/50 (0%)		0/50 (0%)		0/50 (0%)					
		0/50 (0%)		0/50 (0%)							
Overall Incidence		Total		0/250 (0%)		Mean 0%		SD 0%		Total	
										0/244 (0%)	
										Mean 0%	
										SD 0%	
*Pancreas: Carcinoma or Adenoma											
		0/50 (0%)		0/50 (0%)		0/50 (0%)					
		0/50 (0%)		0/50 (0%)							
Overall Incidence		Total		0/250 (0%)		Mean 0%		SD 0%		Total	
										0/244 (0%)	
										Mean 0%	
										SD 0%	

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Report Date: 03/22/2010

Male												Female			
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Adenoma															
		0/50	(0%)	0/49	(0%)	0/49	(0%)	4/47	(9%)	2/50	(4%)	1/50	(2%)		
		0/50	(0%)	0/49	(0%)			2/49	(4%)	1/49	(2%)				
Overall Incidence	Total	0/247	(0%)	Mean	0%	SD	0%	Total	10/245	(4.08%)	Mean	4.13%	SD	2.65%	
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Carcinoma															
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/47	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/49	(0%)			0/49	(0%)	0/49	(0%)				
Overall Incidence	Total	0/247	(0%)	Mean	0%	SD	0%	Total	0/245	(0%)	Mean	0%	SD	0%	
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Carcinoma or Adenoma															
		0/50	(0%)	0/49	(0%)	0/49	(0%)	4/47	(9%)	2/50	(4%)	1/50	(2%)		
		0/50	(0%)	0/49	(0%)			2/49	(4%)	1/49	(2%)				
Overall Incidence	Total	0/247	(0%)	Mean	0%	SD	0%	Total	10/245	(4.08%)	Mean	4.13%	SD	2.65%	
*Pituitary Gland: Pars Intermedia:															
Adenoma															
		0/50	(0%)	1/49	(2%)	0/49	(0%)	0/47	(0%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/49	(0%)			0/49	(0%)	0/49	(0%)				
Overall Incidence	Total	1/247	(0.4%)	Mean	0.41%	SD	0.91%	Total	1/245	(0.41%)	Mean	0.4%	SD	0.89%	
*Pituitary Gland: Pars Intermedia:															
Carcinoma or Adenoma															
		0/50	(0%)	1/49	(2%)	0/49	(0%)	0/47	(0%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/49	(0%)			0/49	(0%)	0/49	(0%)				
Overall Incidence	Total	1/247	(0.4%)	Mean	0.41%	SD	0.91%	Total	1/245	(0.41%)	Mean	0.4%	SD	0.89%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

		Male						Female						
*Prostate: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)									
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%							
*Prostate: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)									
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%							
*Prostate: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)									
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%							
*Salivary Glands: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%
*Salivary Glands: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female							
*Salivary Glands:															
Mast Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/246	(0%)	Mean	0%	SD	0%	
.....															
#Seminal Vesicle:															
Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)								
		0/50	(0%)	0/50	(0%)										
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%								
.....															
#Skeletal Muscle:															
Fibrosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle:															
Hemangiosarcoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/248	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle:															
Myxosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Male										Female					
#Skeletal Muscle: Rhabdomyosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	3/50	(6%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)					0/49	(0%)	2/50	(4%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	5/248	(2.02%)	Mean	2%	SD	2.83%	
.....															
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	3/50	(6%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)					0/49	(0%)	2/50	(4%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	5/248	(2.02%)	Mean	2%	SD	2.83%	
.....															
#Skeletal Muscle: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Basal Cell Adenoma or Basosquamous Tumor Benign															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%	
.....															
#Skin: Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Male												Female			
#Skin:															
Basal Cell Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Skin:															
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Skin:															
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%	
#Skin:															
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	2/248	(0.81%)	Mean	0.8%	SD	1.1%	
#Skin:															
Basosquamous Tumor Benign															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female								
#Skin:														
Fibroma		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250 (0%)		Mean	0%	SD	0%	Total	1/248 (0.4%)		Mean	0.4%	SD	0.89%
.....														
#Skin:														
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma		0/50	(0%)	0/50	(0%)	1/50	(2%)	3/49	(6%)	0/50	(0%)	2/50	(4%)	
		0/50	(0%)	1/50	(2%)			2/49	(4%)	1/50	(2%)			
Overall Incidence	Total	2/250 (0.8%)		Mean	0.8%	SD	1.1%	Total	8/248 (3.23%)		Mean	3.24%	SD	2.33%
.....														
#Skin:														
Fibrosarcoma		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	1/50	(2%)			1/49	(2%)	1/50	(2%)			
Overall Incidence	Total	1/250 (0.4%)		Mean	0.4%	SD	0.89%	Total	3/248 (1.21%)		Mean	1.21%	SD	1.1%
.....														
#Skin:														
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma		0/50	(0%)	0/50	(0%)	1/50	(2%)	3/49	(6%)	0/50	(0%)	2/50	(4%)	
		0/50	(0%)	1/50	(2%)			2/49	(4%)	1/50	(2%)			
Overall Incidence	Total	2/250 (0.8%)		Mean	0.8%	SD	1.1%	Total	8/248 (3.23%)		Mean	3.24%	SD	2.33%
.....														
#Skin:														
Fibrous Histiocytoma		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			1/49	(2%)	0/50	(0%)			
Overall Incidence	Total	0/250 (0%)		Mean	0%	SD	0%	Total	1/248 (0.4%)		Mean	0.41%	SD	0.91%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: CORN OIL

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Report Date: 03/22/2010

Male										Female					
#Skin:															
Granular Cell Tumor Benign															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total		0/248	(0%)	Mean	0%	SD	0%
.....															
#Skin:															
Hemangioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total		1/248	(0.4%)	Mean	0.4%	SD	0.89%
.....															
#Skin:															
Hemangiosarcoma															
		1/50	(2%)	1/50	(2%)	1/50	(2%)			1/49	(2%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	1/50	(2%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	4/250	(1.6%)	Mean	1.6%	SD	0.89%	Total		2/248	(0.81%)	Mean	0.81%	SD	1.11%
.....															
#Skin:															
Liposarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total		0/248	(0%)	Mean	0%	SD	0%
.....															
#Skin:															
Mast Cell Tumor Benign															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total		0/248	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Male												Female			
#Skin:															
Myxosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Skin:															
Neurofibrosarcoma or Schwannoma (malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					2/49	(4%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	3/248	(1.21%)	Mean	1.22%	SD	1.82%	
#Skin:															
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					2/49	(4%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	3/248	(1.21%)	Mean	1.22%	SD	1.82%	
#Skin:															
Osteosarcoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/248	(0%)	Mean	0%	SD	0%	
#Skin:															
Sarcoma															
		0/50	(0%)	0/50	(0%)	1/50	(2%)			3/49	(6%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	4/248	(1.61%)	Mean	1.62%	SD	2.66%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
#Skin:														
Schwannoma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				2/49	(4%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	3/248	(1.21%)	Mean	1.22%	SD	1.82%
.....														
#Skin:														
Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Papilloma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%
.....														
#Skin:														
Squamous Cell Papilloma or Papilloma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	1/50	(2%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	1/248	(0.4%)	Mean	0.4%	SD	0.89%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Male										Female					
#Skin:															
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	1/50	(2%)		
Overall Incidence	Total	0/250 (0%)		Mean	0%	SD	0%	Total	1/248 (0.4%)		Mean	0.4%	SD	0.89%	
.....															
#Skin:															
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	1/50	(2%)		
Overall Incidence	Total	0/250 (0%)		Mean	0%	SD	0%	Total	1/248 (0.4%)		Mean	0.4%	SD	0.89%	
.....															
#Skin:															
Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250 (0%)		Mean	0%	SD	0%	Total	0/248 (0%)		Mean	0%	SD	0%	
.....															
#Skin: Sebaceous Gland:															
Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250 (0%)		Mean	0%	SD	0%	Total	0/248 (0%)		Mean	0%	SD	0%	
.....															
#Skin: Sebaceous Gland:															
Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250 (0%)		Mean	0%	SD	0%	Total	0/248 (0%)		Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
#Skin: Sebaceous Gland: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Spinal Cord: Meningioma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
*Spleen: Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/48	(0%)	0/49	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/244	(0%)	Mean	0%	SD	0%
*Spleen: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/48	(0%)	0/49	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/49	(0%)		
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/244	(0%)	Mean	0%	SD	0%
*Spleen: Hemangiosarcoma														
		0/50	(0%)	2/50	(4%)	1/49	(2%)		1/48	(2%)	0/49	(0%)	0/49	(0%)
		2/50	(4%)	2/50	(4%)				1/49	(2%)	0/49	(0%)		
Overall Incidence	Total	7/249	(2.81%)	Mean	2.81%	SD	1.78%	Total	2/244	(0.82%)	Mean	0.82%	SD	1.13%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male						Female						
*Spleen:														
Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/48	(0%)	1/49	(2%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	1/244	(0.41%)	Mean	0.41%	SD	0.91%
.....														
*Spleen:														
Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/48	(0%)	0/49	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/249	(0%)	Mean	0%	SD	0%	Total	0/244	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Forestomach:														
Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Forestomach:														
Squamous Cell Carcinoma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)			0/49	(0%)	0/50	(0%)			
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.1%	Total	0/248	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Forestomach:														
Squamous Cell Carcinoma or Papilloma Squamous														
		0/50	(0%)	9/50	(18%)	0/50	(0%)	1/49	(2%)	3/50	(6%)	1/50	(2%)	
		1/50	(2%)	1/50	(2%)			2/49	(4%)	2/50	(4%)			
Overall Incidence	Total	11/250	(4.4%)	Mean	4.4%	SD	7.67%	Total	9/248	(3.63%)	Mean	3.62%	SD	1.67%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female			
#Stomach, Forestomach: Squamous Cell Papilloma									
		0/50 (0%)	8/50 (16%)	0/50 (0%)		1/49 (2%)	3/50 (6%)	1/50 (2%)	
		0/50 (0%)	1/50 (2%)			2/49 (4%)	2/50 (4%)		
Overall Incidence	Total	9/250 (3.6%)	Mean 3.6%	SD 6.99%	Total	9/248 (3.63%)	Mean 3.62%	SD 1.67%	
#Stomach, Glandular: Adenoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/49 (2%)	1/50 (2%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	2/248 (0.81%)	Mean 0.81%	SD 1.11%	
#Stomach, Glandular: Carcinoma or Adenoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/49 (2%)	1/50 (2%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	2/248 (0.81%)	Mean 0.81%	SD 1.11%	
#Testes: Adenoma									
		2/50 (4%)	1/50 (2%)	0/50 (0%)					
		0/50 (0%)	0/50 (0%)						
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%					
#Thymus: Thymoma Benign									
		0/48 (0%)	0/48 (0%)	0/47 (0%)		0/47 (0%)	0/50 (0%)	0/49 (0%)	
		0/49 (0%)	0/41 (0%)			0/48 (0%)	1/48 (2%)		
Overall Incidence	Total	0/233 (0%)	Mean 0%	SD 0%	Total	1/242 (0.41%)	Mean 0.42%	SD 0.93%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Report Date: 03/22/2010

		Male						Female						
*Thymus:														
Thymoma Malignant														
		0/48	(0%)	0/48	(0%)	0/47	(0%)	0/47	(0%)	0/50	(0%)	0/49	(0%)	
		0/49	(0%)	0/41	(0%)			0/48	(0%)	0/48	(0%)			
Overall Incidence	Total	0/233	(0%)	Mean	0%	SD	0%	Total	0/242	(0%)	Mean	0%	SD	0%

*Thymus:														
Thymoma: Benign, Malignant, NOS														
		0/48	(0%)	0/48	(0%)	0/47	(0%)	0/47	(0%)	0/50	(0%)	0/49	(0%)	
		0/49	(0%)	0/41	(0%)			0/48	(0%)	1/48	(2%)			
Overall Incidence	Total	0/233	(0%)	Mean	0%	SD	0%	Total	1/242	(0.41%)	Mean	0.42%	SD	0.93%

*Thyroid Gland: C-Cell:														
Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/246	(0%)	Mean	0%	SD	0%

*Thyroid Gland: C-Cell:														
Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/246	(0%)	Mean	0%	SD	0%

*Thyroid Gland: Follicular Cell:														
Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)			1/49	(2%)	0/49	(0%)			
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	2/246	(0.81%)	Mean	0.81%	SD	1.11%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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		Male				Female								
*Thyroid Gland: Follicular Cell: Carcinoma														
		1/50 0/50	(2%) (0%)	0/50 0/50	(0%) (0%)	1/50 SD	(2%) 1.1%	0/48 1/49	(0%) (2%)	0/50 2/49	(0%) (4%)	0/50 SD	(0%) 1.83%	
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.1%	Total	3/246	(1.22%)	Mean	1.22%	SD	1.83%
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma														
		1/50 0/50	(2%) (0%)	0/50 0/50	(0%) (0%)	1/50 SD	(2%) 1.1%	0/48 2/49	(0%) (4%)	0/50 2/49	(0%) (4%)	1/50 SD	(2%) 2.04%	
Overall Incidence	Total	2/250	(0.8%)	Mean	0.8%	SD	1.1%	Total	5/246	(2.03%)	Mean	2.03%	SD	2.04%
#Tissue NOS: Carcinoma														
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD	(0%) 0%	0/49 0/49	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD	(0%) 0%	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Tissue NOS: Hemangiosarcoma														
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD	(0%) 0%	0/49 0/49	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD	(0%) 0%	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Tissue NOS: Plasma Cell Tumor Malignant														
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD	(0%) 0%	0/49 0/49	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 SD	(0%) 0%	
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

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Report Date: 03/22/2010

		Male						Female						
#Tissue NOS:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Tongue:														
Fibroma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%
#Tongue:														
Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/248	(0%)	Mean	0%	SD	0%
#Tongue:														
Squamous Cell Carcinoma or Papilloma Squamous														
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/250	(0.4%)	Mean	0.4%	SD	0.89%	Total	0/248	(0%)	Mean	0%	SD	0%
#Tongue:														
Squamous Cell Papilloma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250	(0%)	Mean	0%	SD	0%	Total	0/248	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: CORN OIL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

Male			Female			
#Uterus: Adenoma						
			0/49	(0%)	0/50	(0%)
			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD 0%
#Uterus: Carcinoma						
			0/49	(0%)	0/50	(0%)
			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD 0%
#Uterus: Hemangioma						
			0/49	(0%)	0/50	(0%)
			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD 0%
#Uterus: Hemangiosarcoma						
			0/49	(0%)	0/50	(0%)
			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD 0%
#Uterus: Leiomyoma						
			0/49	(0%)	0/50	(0%)
			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD 0%
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

Male			Female			
#Uterus:						
Leiomyosarcoma						
		0/49 (0%)	0/50 (0%)	0/50 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%		
#Uterus:						
Polyp Stromal						
		0/49 (0%)	2/50 (4%)	0/50 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	2/248 (0.81%)	Mean 0.8%	SD 1.79%		
#Uterus:						
Sarcoma Stromal						
		1/49 (2%)	0/50 (0%)	0/50 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	1/248 (0.4%)	Mean 0.41%	SD 0.91%		
#Uterus:						
Sarcoma Stromal or Polyp Stromal						
		1/49 (2%)	2/50 (4%)	0/50 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	3/248 (1.21%)	Mean 1.21%	SD 1.79%		
#Uterus:						
Schwannoma Malignant						
		0/49 (0%)	0/50 (0%)	0/50 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%		
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

Male			Female			
#Vagina:						
Liposarcoma						
		0/49	(0%)	0/50	(0%)	0/50 (0%)
		0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD 0%
#Vagina:						
Squamous Cell Papilloma						
		0/49	(0%)	0/50	(0%)	0/50 (0%)
		0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	0/248	(0%)	Mean	0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: METHYLCELLULOSE

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Report Date: 03/22/2010

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Southern Research Institute	059902408	12/16/02	729	50(1)	36(687)	53.8	Androstenedione
Southern Research Institute	059903706	06/30/03	729	50(1)	40(701)	53.9	alpha/beta Thujone mixture
Female							
Southern Research Institute	059902408	12/16/02	733	50(5)	35(690)	65.3	Androstenedione
Southern Research Institute	059903706	06/30/03	731	50(5)	37(668)	64.7	alpha/beta Thujone mixture

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

Page: 55
 Report Date: 03/22/2010

Male					Female				
#All Organs: Benign Tumors									
Overall Incidence	Total	38/50 (76%) 70/100 (70%)	32/50 (64%) Mean 70%	SD 8.49%	Total	27/50 (54%) 49/100 (49%)	22/50 (44%) Mean 49%	SD 7.07%	
#All Organs: Malignant Tumors									
Overall Incidence	Total	37/50 (74%) 67/100 (67%)	30/50 (60%) Mean 67%	SD 9.9%	Total	27/50 (54%) 46/100 (46%)	19/50 (38%) Mean 46%	SD 11.31%	
#All Organs: Malignant and Benign Tumors									
Overall Incidence	Total	47/50 (94%) 92/100 (92%)	45/50 (90%) Mean 92%	SD 2.83%	Total	40/50 (80%) 75/100 (75%)	35/50 (70%) Mean 75%	SD 7.07%	
#All Organs: Hemangioma									
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	
#All Organs: Hemangiosarcoma									
Overall Incidence	Total	5/50 (10%) 9/100 (9%)	4/50 (8%) Mean 9%	SD 1.41%	Total	1/50 (2%) 2/100 (2%)	1/50 (2%) Mean 2%	SD 0%	
#All Organs: Hemangiosarcoma or Hemangioma									
Overall Incidence	Total	5/50 (10%) 9/100 (9%)	4/50 (8%) Mean 9%	SD 1.41%	Total	2/50 (4%) 3/100 (3%)	1/50 (2%) Mean 3%	SD 1.41%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male										Female								
#All Organs: Histiocytic Sarcoma																		
		0/50	(0%)	1/50	(2%)						2/50	(4%)	2/50	(4%)				
Overall Incidence	Total	1/100	(1%)	Mean	1%	SD	1.41%					Total	4/100	(4%)	Mean	4%	SD	0%
#All Organs: Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type																		
		4/50	(8%)	4/50	(8%)						14/50	(28%)	6/50	(12%)				
Overall Incidence	Total	8/100	(8%)	Mean	8%	SD	0%					Total	20/100	(20%)	Mean	20%	SD	11.31%
#All Organs: Mesothelioma: Benign, Malignant, NOS																		
		0/50	(0%)	0/50	(0%)						0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%					Total	0/100	(0%)	Mean	0%	SD	0%
#All Organs: Mesothelioma: Malignant																		
		0/50	(0%)	0/50	(0%)						0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%					Total	0/100	(0%)	Mean	0%	SD	0%
#All Organs: Osteoma																		
		0/50	(0%)	1/50	(2%)						0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/100	(1%)	Mean	1%	SD	1.41%					Total	0/100	(0%)	Mean	0%	SD	0%
#All Organs: Osteosarcoma																		
		0/50	(0%)	0/50	(0%)						1/50	(2%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%					Total	1/100	(1%)	Mean	1%	SD	1.41%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male						Female					
*Adrenal Medulla:											
Pheochromocytoma: Benign, Complex, Malignant, NOS											
		0/49	(0%)	1/49	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/98	(1.02%)	Mean	1.02%	SD	1.44%	Total	0/100	(0%)	Mean 0% SD 0%
<hr/>											
*Bone Marrow:											
Hemangioma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean 0% SD 0%
<hr/>											
*Bone Marrow:											
Hemangiosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	1/100	(1%)	Mean 1% SD 1.41%
<hr/>											
*Bone Marrow:											
Plasma Cell Tumor Malignant											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	1/100	(1%)	Mean 1% SD 1.41%
<hr/>											
#Bone:											
Hemangiosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean 0% SD 0%
<hr/>											
#Bone:											
Osteoma											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean	1%	SD	1.41%	Total	0/100	(0%)	Mean 0% SD 0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

		Male				Female					
*Clitoral/Preputial Gland: Adenoma											
		0/50	(0%)	0/49	(0%)			0/47	(0%)	0/48	(0%)
Overall Incidence	Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/95	(0%)	Mean 0% SD 0%
<hr/>											
*Clitoral/Preputial Gland: Carcinoma											
		0/50	(0%)	0/49	(0%)			0/47	(0%)	0/48	(0%)
Overall Incidence	Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/95	(0%)	Mean 0% SD 0%
<hr/>											
*Clitoral/Preputial Gland: Carcinoma or Adenoma											
		0/50	(0%)	0/49	(0%)			0/47	(0%)	0/48	(0%)
Overall Incidence	Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/95	(0%)	Mean 0% SD 0%
<hr/>											
*Clitoral/Preputial Gland: Hemangioma											
		0/50	(0%)	0/49	(0%)			0/47	(0%)	0/48	(0%)
Overall Incidence	Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/95	(0%)	Mean 0% SD 0%
<hr/>											
*Clitoral/Preputial Gland: Hemangiosarcoma											
		0/50	(0%)	0/49	(0%)			0/47	(0%)	0/48	(0%)
Overall Incidence	Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/95	(0%)	Mean 0% SD 0%
<hr/>											
*Clitoral/Preputial Gland: Squamous Cell Carcinoma											
		0/50	(0%)	0/49	(0%)			0/47	(0%)	0/48	(0%)
Overall Incidence	Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/95	(0%)	Mean 0% SD 0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

		Male					Female					
#Esophagus: Squamous Cell Carcinoma												
Overall Incidence	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%
.....												
#Eye: Sarcoma												
Overall Incidence	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%
.....												
#Harderian Gland: Adenoma												
Overall Incidence	Total	7/50 15/100 (15%)	(14%)	8/50 Mean 15%	(16%)	SD 1.41%	Total	9/50 14/100 (14%)	(18%)	5/50 Mean 14%	(10%)	SD 5.66%
.....												
#Harderian Gland: Carcinoma												
Overall Incidence	Total	2/50 4/100 (4%)	(4%)	2/50 Mean 4%	(4%)	SD 0%	Total	1/50 2/100 (2%)	(2%)	1/50 Mean 2%	(2%)	SD 0%
.....												
#Harderian Gland: Carcinoma or Adenoma												
Overall Incidence	Total	9/50 19/100 (19%)	(18%)	10/50 Mean 19%	(20%)	SD 1.41%	Total	10/50 16/100 (16%)	(20%)	6/50 Mean 16%	(12%)	SD 5.66%
.....												
#Harderian Gland: Sarcoma												
Overall Incidence	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male										Female					
*Heart: Hemangioma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%	
*Heart: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%	
#Intestine Large: Cecum: Carcinoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%	
#Intestine Large: Cecum: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%	
#Intestine Large: Cecum: Leiomyoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%	
#Intestine Large: Colon/Rectum: Leiomyosarcoma															
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%	

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: METHYLCELLULOSE

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Report Date: 03/22/2010

Male										Female					
#Intestine Small: Ileum: Polyp Adenomatous															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Intestine Small: Jejunum: Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Intestine Small: Jejunum: Carcinoma															
Overall Incidence	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Intestine Small: Jejunum: Hemangiosarcoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Intestine Small: Jejunum: Leiomyosarcoma															
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Intestine Small: Site Unspecified: Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male												Female			
*Islets, Pancreatic: Carcinoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/49 0/97	(0%) (0%)	0/48 Mean	(0%) 0%	SD	0%	
*Islets, Pancreatic: Carcinoma or Adenoma															
Overall Incidence	Total	2/50 6/100	(4%) (6%)	4/50 Mean	(8%) 6%	SD	2.83%	Total	0/49 1/97	(0%) (1.03%)	1/48 Mean	(2%) 1.04%	SD	1.47%	
*Kidney: Renal Tubule: Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
*Kidney: Renal Tubule: Carcinoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
*Kidney: Renal Tubule: Carcinoma or Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
*Kidney: Renal Tubule: Hemangioma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: METHYLCELLULOSE

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Report Date: 03/22/2010

Male										Female				
*Liver: Hepatoblastoma														
Overall Incidence	Total	3/50 6/100	(6%) (6%)	3/50 Mean	(6%) 6%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
*Liver: Hepatocellular Adenoma														
Overall Incidence	Total	32/50 56/100	(64%) (56%)	24/50 Mean	(48%) 56%	SD	11.31%	Total	14/50 27/100	(28%) (27%)	13/50 Mean	(26%) 27%	SD	1.41%
*Liver: Hepatocellular Carcinoma														
Overall Incidence	Total	26/50 42/100	(52%) (42%)	16/50 Mean	(32%) 42%	SD	14.14%	Total	5/50 8/100	(10%) (8%)	3/50 Mean	(6%) 8%	SD	2.83%
*Liver: Hepatocellular Carcinoma or Hepatoblastoma														
Overall Incidence	Total	27/50 45/100	(54%) (45%)	18/50 Mean	(36%) 45%	SD	12.73%	Total	5/50 8/100	(10%) (8%)	3/50 Mean	(6%) 8%	SD	2.83%
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma														
Overall Incidence	Total	41/50 74/100	(82%) (74%)	33/50 Mean	(66%) 74%	SD	11.31%	Total	17/50 32/100	(34%) (32%)	15/50 Mean	(30%) 32%	SD	2.83%
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma														
Overall Incidence	Total	41/50 74/100	(82%) (74%)	33/50 Mean	(66%) 74%	SD	11.31%	Total	17/50 32/100	(34%) (32%)	15/50 Mean	(30%) 32%	SD	2.83%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male										Female					
*Liver: Hepatocholangiocarcinoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
*Liver: Hepatocholangioma															
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
*Liver: Ito Cell Tumor Benign															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
*Liver: Ito Cell Tumor Malignant															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
*Liver: Plasma Cell Tumor Malignant															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%	
*Liver: Sarcoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

		Male					Female					
*Lung: Adenoma												
Overall Incidence	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%

*Lung: Alveolar/Bronchiolar Adenoma												
Overall Incidence	Total	7/50 14/100 (14%)	(14%)	7/50 Mean 14%	(14%)	SD 0%	Total	0/50 3/100 (3%)	(0%)	3/50 Mean 3%	(6%)	SD 4.24%

*Lung: Alveolar/Bronchiolar Carcinoma												
Overall Incidence	Total	11/50 17/100 (17%)	(22%)	6/50 Mean 17%	(12%)	SD 7.07%	Total	4/50 5/100 (5%)	(8%)	1/50 Mean 5%	(2%)	SD 4.24%

*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma												
Overall Incidence	Total	16/50 29/100 (29%)	(32%)	13/50 Mean 29%	(26%)	SD 4.24%	Total	4/50 8/100 (8%)	(8%)	4/50 Mean 8%	(8%)	SD 0%

*Lung: Fibrosarcoma												
Overall Incidence	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%

*Lung: Fibrous Histiocytoma												
Overall Incidence	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%

#: Denominator is number of animals necropsied

Male						Female					
*Lung: Hemangiosarcoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	
.....											
*Lung: Plasma Cell Tumor Malignant											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	Total	0/50 1/100	(0%) (1%)	Mean 1%	SD 1.41%	
.....											
*Lung: Sarcoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	
.....											
#Lymph Node: Fibrous Histiocytoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	
.....											
#Lymph Node: Hemangioma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	Total	1/50 1/100	(2%) (1%)	Mean 1%	SD 1.41%	
.....											
#Lymph Node: Hemangiosarcoma											
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	Total	0/50 0/100	(0%) (0%)	Mean 0%	SD 0%	
.....											
*: Denominator is number of animals with tissues examined microscopically											
#: Denominator is number of animals necropsied											

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: METHYLCELLULOSE

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Report Date: 03/22/2010

Male										Female				
#Lymph Node: Plasma Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%
#Lymph Node: Sarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Lymph Node, Bronchial: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Lymph Node, Mandibular: Fibrous Histiocytoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Lymph Node, Mandibular: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Lymph Node, Mandibular: Mast Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male										Female				
#Lymph Node, Mandibular: Plasma Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%
#Lymph Node, Mesenteric: Fibrous Histiocytoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Lymph Node, Mesenteric: Hemangioma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Lymph Node, Mesenteric: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Lymph Node, Mesenteric: Plasma Cell Tumor Malignant														
Overall Incidence	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%
#Mammary Gland: Adenoacanthoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male										Female					
#Mammary Gland: Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Mammary Gland: Carcinoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 2/100	(2%) (2%)	1/50 Mean	(2%) 2%	SD	0%	
#Mammary Gland: Carcinoma or Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 2/100	(2%) (2%)	1/50 Mean	(2%) 2%	SD	0%	
#Mammary Gland: Fibroadenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma															
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 2/100	(2%) (2%)	1/50 Mean	(2%) 2%	SD	0%	

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: METHYLCELLULOSE

Male						Female					
#Mesentery: Fibrosarcoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
#Mesentery: Hemangioma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
#Mesentery: Hemangiosarcoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
#Mesentery: Sarcoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
*Nose: Mast Cell Tumor Malignant											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	SD 0%	Total	0/50	(0%)	0/50	(0%)
		0/100	(0%)	Mean 0%	0/100			(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

		Male		Female	
*Ovary: Granulosa Cell Tumor Malignant					
Overall Incidence	Total	0/49 0/97	(0%) (0%)	0/48 Mean	(0%) 0%
					SD 0%
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS					
Overall Incidence	Total	0/49 0/97	(0%) (0%)	0/48 Mean	(0%) 0%
					SD 0%
*Ovary: Hemangioma					
Overall Incidence	Total	0/49 0/97	(0%) (0%)	0/48 Mean	(0%) 0%
					SD 0%
*Ovary: Hemangiosarcoma					
Overall Incidence	Total	0/49 0/97	(0%) (0%)	0/48 Mean	(0%) 0%
					SD 0%
*Ovary: Leiomyosarcoma					
Overall Incidence	Total	0/49 0/97	(0%) (0%)	0/48 Mean	(0%) 0%
					SD 0%
*Ovary: Luteoma					
Overall Incidence	Total	0/49 0/97	(0%) (0%)	0/48 Mean	(0%) 0%
					SD 0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male						Female							
*Ovary: Plasma Cell Tumor Malignant													
Overall Incidence		Total		0/49 1/97 (1.03%)	(0%)	1/48 Mean 1.04%		(2%)	SD 1.47%				
.....													
*Ovary: Teratoma Benign													
Overall Incidence		Total		0/49 0/97 (0%)	(0%)	0/48 Mean 0%		(0%)	SD 0%				
.....													
*Ovary: Teratoma Malignant													
Overall Incidence		Total		0/49 0/97 (0%)	(0%)	0/48 Mean 0%		(0%)	SD 0%				
.....													
*Ovary: Tubulostromal Adenoma													
Overall Incidence		Total		0/49 0/97 (0%)	(0%)	0/48 Mean 0%		(0%)	SD 0%				
.....													
*Pancreas: Adenoma													
Overall Incidence		Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/49 0/97 (0%)	(0%)	0/48 Mean 0%	(0%)	SD 0%
.....													
*Pancreas: Carcinoma													
Overall Incidence		Total	0/50 0/100 (0%)	(0%)	0/50 Mean 0%	(0%)	SD 0%	Total	0/49 0/97 (0%)	(0%)	0/48 Mean 0%	(0%)	SD 0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male						Female								
*Pancreas: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)			0/49	(0%)	0/48	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/97	(0%)	Mean	0%	SD	0%
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma														
		0/50	(0%)	0/48	(0%)			1/49	(2%)	2/49	(4%)			
Overall Incidence	Total	0/98	(0%)	Mean	0%	SD	0%	Total	3/98	(3.06%)	Mean	3.06%	SD	1.44%
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma														
		0/50	(0%)	0/48	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/98	(0%)	Mean	0%	SD	0%	Total	0/98	(0%)	Mean	0%	SD	0%
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma														
		0/50	(0%)	0/48	(0%)			1/49	(2%)	2/49	(4%)			
Overall Incidence	Total	0/98	(0%)	Mean	0%	SD	0%	Total	3/98	(3.06%)	Mean	3.06%	SD	1.44%
*Pituitary Gland: Pars Intermedia: Adenoma														
		0/50	(0%)	0/48	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/98	(0%)	Mean	0%	SD	0%	Total	0/98	(0%)	Mean	0%	SD	0%
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma														
		0/50	(0%)	0/48	(0%)			0/49	(0%)	0/49	(0%)			
Overall Incidence	Total	0/98	(0%)	Mean	0%	SD	0%	Total	0/98	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male										Female			
*Prostate: Adenoma													
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%						
*Prostate: Carcinoma or Adenoma													
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%						
*Prostate: Hemangioma													
Overall Incidence	Total	0/50 0/99	(0%) (0%)	0/49 Mean	(0%) 0%	SD	0%						
*Salivary Glands: Carcinoma													
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/49 0/98	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%
*Salivary Glands: Carcinoma or Adenoma													
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/49 0/98	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%
*Salivary Glands: Mast Cell Tumor Malignant													
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/49 0/98	(0%) (0%)	0/49 Mean	(0%) 0%	SD 0%

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: METHYLCELLULOSE

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Report Date: 03/22/2010

Male						Female								
#Seminal Vesicle: Adenoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%							
#Skeletal Muscle: Fibrosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
#Skeletal Muscle: Hemangiosarcoma														
Overall Incidence	Total	0/50 2/100	(0%) (2%)	2/50 Mean	(4%) 2%	SD	2.83%	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%
#Skeletal Muscle: Myxosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	1/50 1/100	(2%) (1%)	0/50 Mean	(0%) 1%	SD	1.41%
#Skeletal Muscle: Rhabdomyosarcoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%	SD	0%	Total	0/50 1/100	(0%) (1%)	1/50 Mean	(2%) 1%	SD	1.41%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010		Toxicology Data Management System						Page: 82	
Contract/Lab: All Laboratories		Tumor Incidence for Selected Control Animal Groups						Report Date: 03/22/2010	
Species: MICE		Route: GAVAGE							
Strain: B6C3F1		Vehicle: METHYLCELLULOSE							
Length of Study: CHRONIC									
		Male				Female			
#Skeletal Muscle:									
Sarcoma									
		1/50	(2%)	0/50	(0%)			0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean	1%	SD	1.41%	Total	0/100 (0%)
								Mean	0%
								SD	0%
#Skin:									
Basal Cell Adenoma or Basosquamous Tumor Benign									
		0/50	(0%)	0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100 (0%)
								Mean	0%
								SD	0%
#Skin:									
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma									
		0/50	(0%)	0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100 (0%)
								Mean	0%
								SD	0%
#Skin:									
Basal Cell Carcinoma									
		0/50	(0%)	0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100 (0%)
								Mean	0%
								SD	0%
#Skin:									
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)									
		0/50	(0%)	0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100 (0%)
								Mean	0%
								SD	0%
#Skin:									
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma									
		0/50	(0%)	0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100 (0%)
								Mean	0%
								SD	0%
*: Denominator is number of animals with tissues examined microscopically									
#: Denominator is number of animals necropsied									

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

Page: 83
 Report Date: 03/22/2010

Male					Female				
#Skin: Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Skin: Basosquamous Tumor Benign									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Skin: Fibroma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Skin: Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma									
		1/50 (2%)	0/50 (0%)			5/50 (10%)	3/50 (6%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	8/100 (8%)	Mean 8%	SD 2.83%	
#Skin: Fibrosarcoma									
		0/50 (0%)	0/50 (0%)			3/50 (6%)	2/50 (4%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	5/100 (5%)	Mean 5%	SD 1.41%	
#Skin: Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma									
		1/50 (2%)	0/50 (0%)			5/50 (10%)	3/50 (6%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	8/100 (8%)	Mean 8%	SD 2.83%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

		Male					Female				
#Skin: Fibrous Histiocytoma											
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Skin: Granular Cell Tumor Benign											
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Skin: Hemangioma											
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Skin: Hemangiosarcoma											
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%		Total	1/50 (2%) 2/100 (2%)	1/50 (2%) Mean 2%	SD 0%		
#Skin: Liposarcoma											
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Skin: Mast Cell Tumor Benign											
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: METHYLCELLULOSE

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Report Date: 03/22/2010

Male						Female								
#Skin:														
Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
#Skin:														
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
#Skin:														
Squamous Cell Papilloma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
#Skin:														
Squamous Cell Papilloma or Papilloma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
#Skin:														
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
#Skin:														
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

Male										Female											
#Skin: Trichoepithelioma																					
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%			Total	0/100	(0%)	Mean	0%	SD	0%					

#Skin: Sebaceous Gland: Adenoma																					
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%			Total	0/100	(0%)	Mean	0%	SD	0%					

#Skin: Sebaceous Gland: Carcinoma																					
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%			Total	0/100	(0%)	Mean	0%	SD	0%					

#Skin: Sebaceous Gland: Carcinoma or Adenoma																					
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%			Total	0/100	(0%)	Mean	0%	SD	0%					

#Spinal Cord: Meningioma Malignant																					
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%			Total	0/100	(0%)	Mean	0%	SD	0%					

*Spleen: Fibrous Histiocytoma																					
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%			Total	0/100	(0%)	Mean	0%	SD	0%					

#: Denominator is number of animals necropsied

Male						Female								
*Spleen: Hemangioma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%
.....														
*Spleen: Hemangiosarcoma														
Overall Incidence	Total	1/50 2/100	(2%) (2%)	Mean	1/50 2%	SD	1/50 0%	Total	0/50 1/100	(0%) (1%)	Mean	1/50 1%	SD	1/50 1.41%
.....														
*Spleen: Mast Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%
.....														
*Spleen: Plasma Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%	Total	0/50 1/100	(0%) (1%)	Mean	1/50 1%	SD	1/50 1.41%
.....														
#Stomach, Forestomach: Mast Cell Tumor Malignant														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%
.....														
#Stomach, Forestomach: Squamous Cell Carcinoma														
Overall Incidence	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%	Total	0/50 0/100	(0%) (0%)	Mean	0/50 0%	SD	0/50 0%
.....														
*: Denominator is number of animals with tissues examined microscopically														
#: Denominator is number of animals necropsied														

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

		Male						Female					
#Tongue: Squamous Cell Carcinoma													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD 0%
.....													
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD 0%
.....													
#Tongue: Squamous Cell Papilloma													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD 0%
.....													
#Tooth: Odontoma													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD 0%
.....													
*Urinary Bladder: Hemangioma													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD 0%
.....													
*Urinary Bladder: Hemangiosarcoma													
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD 0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: METHYLCELLULOSE

Male			Female		
#Uterus: Leiomyoma					
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%
				SD	0%
.....					
#Uterus: Leiomyosarcoma					
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%
				SD	0%
.....					
#Uterus: Polyp Stromal					
Overall Incidence	Total	2/50 3/100	(4%) (3%)	1/50 Mean	(2%) 3%
				SD	1.41%
.....					
#Uterus: Sarcoma Stromal					
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%
				SD	0%
.....					
#Uterus: Sarcoma Stromal or Polyp Stromal					
Overall Incidence	Total	2/50 3/100	(4%) (3%)	1/50 Mean	(2%) 3%
				SD	1.41%
.....					
#Uterus: Schwannoma Malignant					
Overall Incidence	Total	0/50 0/100	(0%) (0%)	0/50 Mean	(0%) 0%
				SD	0%
.....					
*: Denominator is number of animals with tissues examined microscopically					
#: Denominator is number of animals necropsied					

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: METHYLCELLULOSE

Male			Female		
#Vagina:					
Liposarcoma					
		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	
#Vagina:					
Squamous Cell Papilloma					
		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

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Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Columbus Laboratory	058812307	10/04/01	728	50(1)	39(698)	52.9	Formamide
Battelle Columbus Laboratory	052000506	02/10/04	730	50(1)	32(691)	51.1	Ginseng
Battelle Columbus Laboratory	059501106	08/09/01	728	50(1)	40(702)	52.3	5-(Hydroxymethyl)-2-furfural
Female							
Battelle Columbus Laboratory	058812307	10/03/01	727	50(5)	38(692)	64.7	Formamide
Battelle Columbus Laboratory	052000506	02/09/04	729	50(5)	38(711)	63.9	Ginseng
Battelle Columbus Laboratory	059501106	08/08/01	727	50(5)	39(694)	64.4	5-(Hydroxymethyl)-2-furfural

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

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Male					Female				
#All Organs: Benign Tumors									
		31/50 (62%)	38/50 (76%)	42/50 (84%)		17/50 (34%)	33/50 (66%)	26/50 (52%)	
Overall Incidence	Total	111/150 (74%)	Mean 74%	SD 11.14%	Total	76/150 (50.67%)	Mean 50.67%	SD 16.04%	
.....									
#All Organs: Malignant Tumors									
		28/50 (56%)	26/50 (52%)	26/50 (52%)		26/50 (52%)	15/50 (30%)	16/50 (32%)	
Overall Incidence	Total	80/150 (53.33%)	Mean 53.33%	SD 2.31%	Total	57/150 (38%)	Mean 38%	SD 12.17%	
.....									
#All Organs: Malignant and Benign Tumors									
		41/50 (82%)	46/50 (92%)	49/50 (98%)		36/50 (72%)	42/50 (84%)	34/50 (68%)	
Overall Incidence	Total	136/150 (90.67%)	Mean 90.67%	SD 8.08%	Total	112/150 (74.67%)	Mean 74.67%	SD 8.33%	
.....									
#All Organs: Hemangioma									
		2/50 (4%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 2%	Total	3/150 (2%)	Mean 2%	SD 2%	
.....									
#All Organs: Hemangiosarcoma									
		3/50 (6%)	4/50 (8%)	2/50 (4%)		2/50 (4%)	0/50 (0%)	5/50 (10%)	
Overall Incidence	Total	9/150 (6%)	Mean 6%	SD 2%	Total	7/150 (4.67%)	Mean 4.67%	SD 5.03%	
.....									
#All Organs: Hemangiosarcoma or Hemangioma									
		5/50 (10%)	5/50 (10%)	2/50 (4%)		2/50 (4%)	1/50 (2%)	7/50 (14%)	
Overall Incidence	Total	12/150 (8%)	Mean 8%	SD 3.46%	Total	10/150 (6.67%)	Mean 6.67%	SD 6.43%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female					
#All Organs: Histiocytic Sarcoma															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	Total	2/50	(4%)	0/50	(0%)	0/50	(0%)	
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		2/150	(1.33%)	Mean	1.33%	SD	2.31%	
.....															
#All Organs: Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type															
Overall Incidence	Total	2/50	(4%)	4/50	(8%)	2/50	(4%)	Total	10/50	(20%)	9/50	(18%)	8/50	(16%)	
		8/150	(5.33%)	Mean	5.33%	SD	2.31%		27/150	(18%)	Mean	18%	SD	2%	
.....															
#All Organs: Mesothelioma: Benign, Malignant, NOS															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#All Organs: Mesothelioma: Malignant															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#All Organs: Osteoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#All Organs: Osteosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male										Female					
*Adrenal Medulla: Pheochromocytoma: Benign, Complex, Malignant, NOS															
		1/50	(2%)	0/50	(0%)	0/49	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	1/149	(0.67%)	Mean	0.67%	SD	1.15%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	
*Bone Marrow: Hemangioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%	SD	0%	
*Bone Marrow: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%	SD	0%	
*Bone Marrow: Plasma Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%	SD	0%	
#Bone: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Bone: Osteoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male										Female									
#Bone: Osteosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%			
.....																			
#Bone: Osteosarcoma or Osteoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%			
.....																			
*Brain: Meningioma Benign																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%			
.....																			
*Brain: Meningioma Malignant																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%			
.....																			
*Brain: Meningioma: Benign, Malignant, NOS																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%			
.....																			
*Brain: Schwannoma Malignant																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%			

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: WATER

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Report Date: 03/22/2010

		Male						Female						
#Esophagus: Squamous Cell Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
#Eye: Sarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
#Harderian Gland: Adenoma														
Overall Incidence	Total	6/50	(12%)	11/50	(22%)	11/50	(22%)	Total	4/50	(8%)	7/50	(14%)	7/50	(14%)
		28/150	(18.67%)	Mean	18.67%	SD	5.77%		18/150	(12%)	Mean	12%	SD	3.46%
#Harderian Gland: Carcinoma														
Overall Incidence	Total	2/50	(4%)	1/50	(2%)	3/50	(6%)	Total	4/50	(8%)	0/50	(0%)	0/50	(0%)
		6/150	(4%)	Mean	4%	SD	2%		4/150	(2.67%)	Mean	2.67%	SD	4.62%
#Harderian Gland: Carcinoma or Adenoma														
Overall Incidence	Total	7/50	(14%)	12/50	(24%)	13/50	(26%)	Total	8/50	(16%)	7/50	(14%)	7/50	(14%)
		32/150	(21.33%)	Mean	21.33%	SD	6.43%		22/150	(14.67%)	Mean	14.67%	SD	1.15%
#Harderian Gland: Sarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

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Report Date: 03/22/2010

Male					Female					
*Liver: Hepatoblastoma										
		1/50 (2%)		1/50 (2%)		1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		
.....										
*Liver: Hepatocellular Adenoma										
		24/50 (48%)		34/50 (68%)		33/50 (66%)		6/50 (12%)	21/50 (42%)	14/50 (28%)
Overall Incidence	Total	91/150 (60.67%)	Mean 60.67%	SD 11.02%	Total	41/150 (27.33%)	Mean 27.33%	SD 15.01%		
.....										
*Liver: Hepatocellular Carcinoma										
		15/50 (30%)		14/50 (28%)		11/50 (22%)		4/50 (8%)	2/50 (4%)	2/50 (4%)
Overall Incidence	Total	40/150 (26.67%)	Mean 26.67%	SD 4.16%	Total	8/150 (5.33%)	Mean 5.33%	SD 2.31%		
.....										
*Liver: Hepatocellular Carcinoma or Hepatoblastoma										
		16/50 (32%)		14/50 (28%)		12/50 (24%)		4/50 (8%)	2/50 (4%)	3/50 (6%)
Overall Incidence	Total	42/150 (28%)	Mean 28%	SD 4%	Total	9/150 (6%)	Mean 6%	SD 2%		
.....										
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma										
		33/50 (66%)		39/50 (78%)		39/50 (78%)		9/50 (18%)	23/50 (46%)	14/50 (28%)
Overall Incidence	Total	111/150 (74%)	Mean 74%	SD 6.93%	Total	46/150 (30.67%)	Mean 30.67%	SD 14.19%		
.....										
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma										
		34/50 (68%)		39/50 (78%)		39/50 (78%)		9/50 (18%)	23/50 (46%)	15/50 (30%)
Overall Incidence	Total	112/150 (74.67%)	Mean 74.67%	SD 5.77%	Total	47/150 (31.33%)	Mean 31.33%	SD 14.05%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male										Female					
*Lung: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
*Lung: Alveolar/Bronchiolar Adenoma															
		10/50	(20%)	9/50	(18%)	10/50	(20%)			4/50	(8%)	6/50	(12%)	2/50	(4%)
Overall Incidence	Total	29/150	(19.33%)	Mean	19.33%	SD	1.15%	Total		12/150	(8%)	Mean	8%	SD	4%
*Lung: Alveolar/Bronchiolar Carcinoma															
		6/50	(12%)	3/50	(6%)	7/50	(14%)			2/50	(4%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	16/150	(10.67%)	Mean	10.67%	SD	4.16%	Total		4/150	(2.67%)	Mean	2.67%	SD	1.15%
*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma															
		16/50	(32%)	12/50	(24%)	16/50	(32%)			5/50	(10%)	7/50	(14%)	3/50	(6%)
Overall Incidence	Total	44/150	(29.33%)	Mean	29.33%	SD	4.62%	Total		15/150	(10%)	Mean	10%	SD	4%
*Lung: Fibrosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
*Lung: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: WATER

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Report Date: 03/22/2010

Male														Female															
#Mesentery: Fibrosarcoma																													
		0/50		(0%)		0/50		(0%)		0/50		(0%)				1/50		(2%)		0/50		(0%)		0/50		(0%)			
Overall Incidence		Total		0/150		(0%)		Mean		0%		SD		0%		Total		1/150		(0.67%)		Mean		0.67%		SD		1.15%	
#Mesentery: Hemangioma																													
		0/50		(0%)		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)		0/50		(0%)			
Overall Incidence		Total		0/150		(0%)		Mean		0%		SD		0%		Total		0/150		(0%)		Mean		0%		SD		0%	
#Mesentery: Hemangiosarcoma																													
		0/50		(0%)		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)		0/50		(0%)			
Overall Incidence		Total		0/150		(0%)		Mean		0%		SD		0%		Total		0/150		(0%)		Mean		0%		SD		0%	
#Mesentery: Sarcoma																													
		0/50		(0%)		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)		0/50		(0%)			
Overall Incidence		Total		0/150		(0%)		Mean		0%		SD		0%		Total		0/150		(0%)		Mean		0%		SD		0%	
*Nose: Mast Cell Tumor Malignant																													
		0/50		(0%)		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)		0/49		(0%)			
Overall Incidence		Total		0/150		(0%)		Mean		0%		SD		0%		Total		0/149		(0%)		Mean		0%		SD		0%	
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma																													
		0/50		(0%)		0/50		(0%)		0/50		(0%)				0/50		(0%)		0/50		(0%)		0/50		(0%)			
Overall Incidence		Total		0/150		(0%)		Mean		0%		SD		0%		Total		0/150		(0%)		Mean		0%		SD		0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Male			Female				
*Ovary: Granulosa Cell Tumor Malignant							
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/150 (0%)	Mean 0%	SD 0%			
.....							
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS							
Overall Incidence		Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
	0/150 (0%)		Mean 0%	SD 0%			
.....							
*Ovary: Hemangioma							
Overall Incidence	Total		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/150 (0%)	Mean 0%	SD 0%			
.....							
*Ovary: Hemangiosarcoma							
Overall Incidence		Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
	0/150 (0%)		Mean 0%	SD 0%			
.....							
*Ovary: Leiomyosarcoma							
Overall Incidence	Total		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/150 (0%)	Mean 0%	SD 0%			
.....							
*Ovary: Luteoma							
Overall Incidence		Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
	0/150 (0%)		Mean 0%	SD 0%			
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male								Female							
*Ovary: Plasma Cell Tumor Malignant															
Overall Incidence		Total		0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%	
.....															
*Ovary: Teratoma Benign															
Overall Incidence		Total		0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%	
.....															
*Ovary: Teratoma Malignant															
Overall Incidence		Total		0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%	
.....															
*Ovary: Tubulostromal Adenoma															
Overall Incidence		Total		0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%	
.....															
*Pancreas: Adenoma															
Overall Incidence		Total	0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%		
.....															
*Pancreas: Carcinoma															
Overall Incidence		Total	0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Male										Female					
#Skeletal Muscle:															
Sarcoma															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Basal Cell Adenoma or Basosquamous Tumor Benign															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Basal Cell Carcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

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Report Date: 03/22/2010

Male						Female									
#Skin: Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin: Basosquamous Tumor Benign															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin: Fibroma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin: Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			1/50	(2%)	4/50	(8%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	5/150	(3.33%)	Mean	3.33%	SD	4.16%	
#Skin: Fibrosarcoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	3/50	(6%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	3/150	(2%)	Mean	2%	SD	3.46%	
#Skin: Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			1/50	(2%)	4/50	(8%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	5/150	(3.33%)	Mean	3.33%	SD	4.16%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

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Report Date: 03/22/2010

Male								Female							
#Skin:															
Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Squamous Cell Papilloma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Squamous Cell Papilloma or Papilloma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Skin:															
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: WATER

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Report Date: 03/22/2010

Male										Female					
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma															
Overall Incidence	Total	1/50	(2%)	1/50	(2%)	2/50	(4%)	Total	2/49	(4%)	0/49	(0%)	1/48	(2%)	
		4/150	(2.67%)	Mean	2.67%	SD	1.15%		3/146	(2.05%)	Mean	2.05%	SD	2.04%	

#Tissue NOS: Carcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	

#Tissue NOS: Hemangiosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	

#Tissue NOS: Plasma Cell Tumor Malignant															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	

#Tissue NOS: Sarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	

#Tongue: Fibroma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

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Report Date: 03/22/2010

Male			Female				
#Uterus: Leiomyoma							
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....							
#Uterus: Leiomyosarcoma							
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....							
#Uterus: Polyp Stromal							
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)	0/50 Mean	(0%) 0.67%	1/50 SD	(2%) 1.15%
.....							
#Uterus: Sarcoma Stromal							
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....							
#Uterus: Sarcoma Stromal or Polyp Stromal							
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)	0/50 Mean	(0%) 0.67%	1/50 SD	(2%) 1.15%
.....							
#Uterus: Schwannoma Malignant							
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

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Male				Female				
#Vagina:								
Liposarcoma								
			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	
#Vagina:								
Squamous Cell Papilloma								
			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: INHALATION
 Vehicle: AIR

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 Report Date: 03/22/2010

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Northwest	052001106	07/21/03	729	50(5)	37(689)	53.4	1-Bromopropane
Battelle Northwest	059601106	06/11/01	729	50(5)	38(709)	53.9	Cumene
Battelle Northwest	059901706	08/18/03	729	50(5)	31(686)	53.8	Diethylamine
Battelle Northwest	058800604	07/30/01	729	50(5)	35(698)	54.9	alpha-Methylstyrene
Battelle Northwest	059700806	09/17/01	729	50(5)	37(694)	53.5	Propargyl alcohol
Battelle Northwest	059302506	06/23/03	729	50(5)	36(695)	52.9	Tetralin
Female							
Battelle Northwest	052001106	07/21/03	731	50(5)	36(698)	61.2	1-Bromopropane
Battelle Northwest	059601106	06/11/01	731	50(5)	37(685)	60.7	Cumene
Battelle Northwest	059901706	08/18/03	731	50(5)	32(684)	60.7	Diethylamine
Battelle Northwest	058800604	07/30/01	731	50(5)	39(701)	58.6	alpha-Methylstyrene
Battelle Northwest	059700806	09/17/01	731	50(5)	39(699)	58.3	Propargyl alcohol
Battelle Northwest	059302506	06/23/03	731	50(5)	31(663)	62.1	Tetralin

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male					Female				
#All Organs:									
Benign Tumors									
		36/50 (72%)	43/50 (86%)	33/50 (66%)		22/50 (44%)	34/50 (68%)	25/50 (50%)	
		35/50 (70%)	28/50 (56%)	42/50 (84%)		26/50 (52%)	26/50 (52%)	24/50 (48%)	
Overall Incidence	Total	217/300 (72.33%)	Mean 72.33%	SD 11.27%	Total	157/300 (52.33%)	Mean 52.33%	SD 8.24%	
#All Organs:									
Malignant Tumors									
		30/50 (60%)	27/50 (54%)	36/50 (72%)		33/50 (66%)	26/50 (52%)	23/50 (46%)	
		19/50 (38%)	22/50 (44%)	26/50 (52%)		29/50 (58%)	23/50 (46%)	27/50 (54%)	
Overall Incidence	Total	160/300 (53.33%)	Mean 53.33%	SD 11.98%	Total	161/300 (53.67%)	Mean 53.67%	SD 7.63%	
#All Organs:									
Malignant and Benign Tumors									
		47/50 (94%)	48/50 (96%)	48/50 (96%)		42/50 (84%)	42/50 (84%)	41/50 (82%)	
		43/50 (86%)	38/50 (76%)	47/50 (94%)		40/50 (80%)	37/50 (74%)	40/50 (80%)	
Overall Incidence	Total	271/300 (90.33%)	Mean 90.33%	SD 7.94%	Total	242/300 (80.67%)	Mean 80.67%	SD 3.72%	
#All Organs:									
Hemangioma									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/300 (0.67%)	Mean 0.67%	SD 1.03%	Total	1/300 (0.33%)	Mean 0.33%	SD 0.82%	
#All Organs:									
Hemangiosarcoma									
		2/50 (4%)	0/50 (0%)	7/50 (14%)		4/50 (8%)	1/50 (2%)	5/50 (10%)	
		4/50 (8%)	2/50 (4%)	4/50 (8%)		4/50 (8%)	2/50 (4%)	2/50 (4%)	
Overall Incidence	Total	19/300 (6.33%)	Mean 6.33%	SD 4.8%	Total	18/300 (6%)	Mean 6%	SD 3.1%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female					
#All Organs:													
Hemangiosarcoma or Hemangioma													
		2/50	(4%)	1/50	(2%)	7/50	(14%)	4/50	(8%)	1/50	(2%)	5/50	(10%)
		4/50	(8%)	2/50	(4%)	5/50	(10%)	5/50	(10%)	2/50	(4%)	2/50	(4%)
Overall Incidence	Total	21/300 (7%)		Mean 7%		SD 4.52%		Total	19/300 (6.33%)		Mean 6.33%		SD 3.44%
.....													
#All Organs:													
Histiocytic Sarcoma													
		0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	2/50	(4%)
Overall Incidence	Total	2/300 (0.67%)		Mean 0.67%		SD 1.03%		Total	6/300 (2%)		Mean 2%		SD 1.26%
.....													
#All Organs:													
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type													
		2/50	(4%)	2/50	(4%)	2/50	(4%)	17/50	(34%)	7/50	(14%)	8/50	(16%)
		0/50	(0%)	1/50	(2%)	2/50	(4%)	15/50	(30%)	13/50	(26%)	12/50	(24%)
Overall Incidence	Total	9/300 (3%)		Mean 3%		SD 1.67%		Total	72/300 (24%)		Mean 24%		SD 7.8%
.....													
#All Organs:													
Mesothelioma: Benign, Malignant, NOS													
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/300 (0.33%)		Mean 0.33%		SD 0.82%		Total	0/300 (0%)		Mean 0%		SD 0%
.....													
#All Organs:													
Mesothelioma: Malignant													
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/300 (0.33%)		Mean 0.33%		SD 0.82%		Total	0/300 (0%)		Mean 0%		SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#All Organs:														
Osteoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#All Organs:														
Osteosarcoma														
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%	Total	0/300	(0%)	Mean	0%	SD	0%
#All Organs:														
Osteosarcoma or Osteoma														
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%	Total	0/300	(0%)	Mean	0%	SD	0%
*Adrenal Cortex:														
Adenoma														
		4/49	(8%)	1/50	(2%)	6/50	(12%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	1/49	(2%)	2/49	(4%)	1/50	(2%)	0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	14/297	(4.71%)	Mean	4.71%	SD	4.52%	Total	2/299	(0.67%)	Mean	0.67%	SD	1.03%
*Adrenal Cortex:														
Plasma Cell Tumor Malignant														
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
Overall Incidence	Total	0/297	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female					
*Adrenal Medulla:											
Pheochromocytoma Benign											
		1/50 (2%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/47 (0%)	1/47 (2%)		2/50 (4%)	1/48 (2%)	0/50 (0%)			
Overall Incidence	Total	2/294 (0.68%)	Mean 0.69%	SD 1.07%		Total	6/298 (2.01%)	Mean 2.01%	SD 2.53%		
*Adrenal Medulla:											
Pheochromocytoma Complex											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/47 (0%)	0/47 (0%)		0/50 (0%)	0/48 (0%)	0/50 (0%)			
Overall Incidence	Total	0/294 (0%)	Mean 0%	SD 0%		Total	0/298 (0%)	Mean 0%	SD 0%		
*Adrenal Medulla:											
Pheochromocytoma Malignant											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/47 (0%)	0/47 (0%)		0/50 (0%)	0/48 (0%)	0/50 (0%)			
Overall Incidence	Total	0/294 (0%)	Mean 0%	SD 0%		Total	1/298 (0.34%)	Mean 0.33%	SD 0.82%		
*Adrenal Medulla:											
Pheochromocytoma: Benign, Complex, Malignant, NOS											
		1/50 (2%)	0/50 (0%)	0/50 (0%)		4/50 (8%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/47 (0%)	1/47 (2%)		2/50 (4%)	1/48 (2%)	0/50 (0%)			
Overall Incidence	Total	2/294 (0.68%)	Mean 0.69%	SD 1.07%		Total	7/298 (2.35%)	Mean 2.35%	SD 3.2%		
*Bone Marrow:											
Hemangioma											
		0/48 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/298 (0%)	Mean 0%	SD 0%		Total	0/299 (0%)	Mean 0%	SD 0%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female							
*Bone Marrow:															
Hemangiosarcoma															
		0/48	(0%)	0/50	(0%)	2/50	(4%)			0/50	(0%)	0/49	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	2/50	(4%)	1/50	(2%)
Overall Incidence	Total	2/298 (0.67%)		Mean 0.67%		SD 1.63%		Total	4/299 (1.34%)		Mean 1.33%		SD 1.63%		
.....															
*Bone Marrow:															
Plasma Cell Tumor Malignant															
		0/48	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/298 (0%)		Mean 0%		SD 0%		Total	0/299 (0%)		Mean 0%		SD 0%		
.....															
#Bone:															
Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	1/50	(2%)			1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	1/300 (0.33%)		Mean 0.33%		SD 0.82%		Total	2/300 (0.67%)		Mean 0.67%		SD 1.03%		
.....															
#Bone:															
Osteoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300 (0%)		Mean 0%		SD 0%		Total	0/300 (0%)		Mean 0%		SD 0%		
.....															
#Bone:															
Osteosarcoma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/300 (0.67%)		Mean 0.67%		SD 1.03%		Total	0/300 (0%)		Mean 0%		SD 0%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: AIR

Report Date: 03/22/2010

		Male						Female					
#Bone:													
Osteosarcoma or Osteoma													
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/300 (0.67%)		Mean 0.67%		SD 1.03%		Total	0/300 (0%)		Mean 0%		SD 0%

#Brain:													
Meningioma Benign													
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/300 (0.33%)		Mean 0.33%		SD 0.82%		Total	0/300 (0%)		Mean 0%		SD 0%

#Brain:													
Meningioma Malignant													
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300 (0%)		Mean 0%		SD 0%		Total	0/300 (0%)		Mean 0%		SD 0%

#Brain:													
Meningioma: Benign, Malignant, NOS													
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/300 (0.33%)		Mean 0.33%		SD 0.82%		Total	0/300 (0%)		Mean 0%		SD 0%

#Brain:													
Schwannoma Malignant													
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300 (0%)		Mean 0%		SD 0%		Total	0/300 (0%)		Mean 0%		SD 0%

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
*Clitoral/Preputial Gland: Adenoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/43	(0%)	0/42	(0%)	0/46	(0%)
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/264	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland: Carcinoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/43	(0%)	0/42	(0%)	0/46	(0%)
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/264	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland: Carcinoma or Adenoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/43	(0%)	0/42	(0%)	0/46	(0%)
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/264	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland: Hemangioma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/43	(0%)	0/42	(0%)	0/46	(0%)
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/264	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland: Hemangiosarcoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/43	(0%)	0/42	(0%)	0/46	(0%)
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/264	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male						Female						
*Clitoral/Preputial Gland: Squamous Cell Carcinoma														
		0/49 0/50	(0%) (0%)	0/49 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/46 1/43	(0%) (2%)	0/41 0/42	(0%) (0%)	0/46 0/46	(0%) (0%)	
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	1/264	(0.38%)	Mean	0.39%	SD	0.95%
.....														
#Esophagus: Squamous Cell Carcinoma														
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	1/50 0/50	(2%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Eye: Sarcoma														
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Harderian Gland: Adenoma														
		7/50 10/50	(14%) (20%)	8/50 3/50	(16%) (6%)	4/50 2/50	(8%) (4%)	3/50 3/50	(6%) (6%)	8/50 4/50	(16%) (8%)	3/50 1/50	(6%) (2%)	
Overall Incidence	Total	34/300	(11.33%)	Mean	11.33%	SD	6.28%	Total	22/300	(7.33%)	Mean	7.33%	SD	4.68%
.....														
#Harderian Gland: Carcinoma														
		3/50 1/50	(6%) (2%)	4/50 3/50	(8%) (6%)	4/50 3/50	(8%) (6%)	2/50 1/50	(4%) (2%)	5/50 0/50	(10%) (0%)	2/50 1/50	(4%) (2%)	
Overall Incidence	Total	18/300	(6%)	Mean	6%	SD	2.19%	Total	11/300	(3.67%)	Mean	3.67%	SD	3.44%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male				Female			
#Harderian Gland: Carcinoma or Adenoma									
		10/50 (20%)	11/50 (22%)	8/50 (16%)		5/50 (10%)	12/50 (24%)	5/50 (10%)	
		11/50 (22%)	6/50 (12%)	5/50 (10%)		4/50 (8%)	4/50 (8%)	2/50 (4%)	
Overall Incidence	Total	51/300 (17%)	Mean 17%	SD 5.18%	Total	32/300 (10.67%)	Mean 10.67%	SD 6.89%	
#Harderian Gland: Sarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/300 (0%)	Mean 0%	SD 0%	Total	0/300 (0%)	Mean 0%	SD 0%	
*Heart: Hemangioma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/300 (0%)	Mean 0%	SD 0%	Total	0/300 (0%)	Mean 0%	SD 0%	
*Heart: Hemangiosarcoma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/300 (0.67%)	Mean 0.67%	SD 1.03%	Total	2/300 (0.67%)	Mean 0.67%	SD 1.03%	
#Intestine Large: Cecum: Carcinoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/300 (0%)	Mean 0%	SD 0%	Total	0/300 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

		Male						Female						
#Intestine Large: Cecum: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Large: Cecum: Leiomyoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
#Intestine Large: Colon/Rectum: Leiomyosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
#Intestine Small: Duodenum: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Duodenum: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male						Female						
#Intestine Small: Duodenum: Leiomyosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
#Intestine Small: Duodenum: Polyp Adenomatous														
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Ileum: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Ileum: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Ileum: Polyp Adenomatous														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

		Male						Female						
#Intestine Small: Jejunum: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Jejunum: Carcinoma														
		4/50	(8%)	1/50	(2%)	2/50	(4%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	8/300	(2.67%)	Mean	2.67%	SD	3.01%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Jejunum: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Jejunum: Leiomyosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Intestine Small: Site Unspecified: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male				Female			
#Intestine Small: Site Unspecified: Carcinoma									
		4/50 (8%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	8/300 (2.67%)	Mean 2.67%	SD 3.01%	Total	0/300 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified: Carcinoma or Adenoma									
		4/50 (8%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	8/300 (2.67%)	Mean 2.67%	SD 3.01%	Total	0/300 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified: Hemangiosarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/300 (0%)	Mean 0%	SD 0%	Total	0/300 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified: Leiomyosarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/300 (0%)	Mean 0%	SD 0%	Total	1/300 (0.33%)	Mean 0.33%	SD 0.82%	
.....									
#Intestine Small: Site Unspecified: Polyp Adenomatous									
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/300 (0.33%)	Mean 0.33%	SD 0.82%	Total	1/300 (0.33%)	Mean 0.33%	SD 0.82%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 03/22/2010

		Male						Female							
*Islets, Pancreatic: Adenoma															
		0/48	(0%)	0/50	(0%)	2/50	(4%)			0/50	(0%)	1/49	(2%)	0/50	(0%)
		0/50	(0%)	1/49	(2%)	2/49	(4%)			0/49	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	5/296 (1.69%)		Mean 1.69%		SD 1.99%		Total	1/298 (0.34%)		Mean 0.34%		SD 0.83%		
.....															
*Islets, Pancreatic: Carcinoma															
		0/48	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)
		1/50	(2%)	0/49	(0%)	0/49	(0%)			0/49	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	1/296 (0.34%)		Mean 0.33%		SD 0.82%		Total	1/298 (0.34%)		Mean 0.33%		SD 0.82%		
.....															
*Islets, Pancreatic: Carcinoma or Adenoma															
		0/48	(0%)	0/50	(0%)	2/50	(4%)			0/50	(0%)	1/49	(2%)	0/50	(0%)
		1/50	(2%)	1/49	(2%)	2/49	(4%)			0/49	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	6/296 (2.03%)		Mean 2.02%		SD 1.81%		Total	2/298 (0.67%)		Mean 0.67%		SD 1.04%		
.....															
*Kidney: Renal Tubule: Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/297 (0%)		Mean 0%		SD 0%		Total	0/299 (0%)		Mean 0%		SD 0%		
.....															
*Kidney: Renal Tubule: Carcinoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/297 (0%)		Mean 0%		SD 0%		Total	0/299 (0%)		Mean 0%		SD 0%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
*Kidney: Renal Tubule: Carcinoma or Adenoma														
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/297	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
*Kidney: Renal Tubule: Hemangioma														
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/297	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
*Kidney: Renal Tubule: Hemangiosarcoma														
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/297	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
*Kidney: Renal Tubule: Plasma Cell Tumor Malignant														
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/297	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
*Kidney: Renal Tubule: Sarcoma														
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/297	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 03/22/2010

		Male						Female						
*Liver:														
Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/298 (0%)		Mean	0%	SD	0%	Total	0/300 (0%)		Mean	0%	SD	0%
.....														
*Liver:														
Hemangioma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/298 (0.34%)		Mean	0.33%	SD	0.82%	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%
.....														
*Liver:														
Hemangiosarcoma														
		1/50	(2%)	0/50	(0%)	2/50	(4%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		4/50	(8%)	1/49	(2%)	1/49	(2%)	1/50	(2%)	0/50	(0%)	2/50	(4%)	
Overall Incidence	Total	9/298 (3.02%)		Mean	3.01%	SD	2.75%	Total	4/300 (1.33%)		Mean	1.33%	SD	1.63%
.....														
*Liver:														
Hepatoblastoma														
		1/50	(2%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	3/298 (1.01%)		Mean	1%	SD	1.1%	Total	0/300 (0%)		Mean	0%	SD	0%
.....														
*Liver:														
Hepatocellular Adenoma														
		30/50	(60%)	34/50	(68%)	28/50	(56%)	19/50	(38%)	18/50	(36%)	14/50	(28%)	
		24/50	(48%)	21/49	(43%)	33/49	(67%)	10/50	(20%)	15/50	(30%)	14/50	(28%)	
Overall Incidence	Total	170/298 (57.05%)		Mean	57.03%	SD	10.19%	Total	90/300 (30%)		Mean	30%	SD	6.45%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male					Female				
*Liver:									
Hepatocellular Carcinoma									
		15/50 (30%)	13/50 (26%)	20/50 (40%)		5/50 (10%)	10/50 (20%)	4/50 (8%)	
		10/50 (20%)	10/49 (20%)	11/49 (22%)		3/50 (6%)	4/50 (8%)	7/50 (14%)	
Overall Incidence	Total	79/298 (26.51%)	Mean 26.48%	SD 7.62%	Total	33/300 (11%)	Mean 11%	SD 5.18%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatoblastoma									
		16/50 (32%)	14/50 (28%)	20/50 (40%)		5/50 (10%)	10/50 (20%)	4/50 (8%)	
		10/50 (20%)	10/49 (20%)	11/49 (22%)		3/50 (6%)	4/50 (8%)	7/50 (14%)	
Overall Incidence	Total	81/298 (27.18%)	Mean 27.14%	SD 7.85%	Total	33/300 (11%)	Mean 11%	SD 5.18%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatocellular Adenoma									
		38/50 (76%)	40/50 (80%)	40/50 (80%)		24/50 (48%)	25/50 (50%)	16/50 (32%)	
		28/50 (56%)	26/49 (53%)	37/49 (76%)		13/50 (26%)	17/50 (34%)	20/50 (40%)	
Overall Incidence	Total	209/298 (70.13%)	Mean 70.1%	SD 12.24%	Total	115/300 (38.33%)	Mean 38.33%	SD 9.42%	
.....									
*Liver:									
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
		38/50 (76%)	41/50 (82%)	40/50 (80%)		24/50 (48%)	25/50 (50%)	16/50 (32%)	
		28/50 (56%)	26/49 (53%)	37/49 (76%)		13/50 (26%)	17/50 (34%)	20/50 (40%)	
Overall Incidence	Total	210/298 (70.47%)	Mean 70.43%	SD 12.59%	Total	115/300 (38.33%)	Mean 38.33%	SD 9.42%	
.....									
*Liver:									
Hepatocholangiocarcinoma									
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/298 (0.34%)	Mean 0.33%	SD 0.82%	Total	0/300 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
*Liver:														
Hepatocholangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
*Liver:														
Ito Cell Tumor Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
*Liver:														
Ito Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/50	(2%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/298	(0.34%)	Mean	0.33%	SD	0.82%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
*Liver:														
Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
*Liver:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female					
*Lung:											
Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	1/300 (0.33%)	Mean 0.33%	SD 0.82%		Total	0/300 (0%)	Mean 0%	SD 0%		
<hr/>											
*Lung:											
Alveolar/Bronchiolar Adenoma		6/50 (12%)	13/50 (26%)	4/50 (8%)		1/50 (2%)	1/50 (2%)	2/50 (4%)			
		8/50 (16%)	10/50 (20%)	10/50 (20%)		1/50 (2%)	3/50 (6%)	6/50 (12%)			
Overall Incidence	Total	51/300 (17%)	Mean 17%	SD 6.42%		Total	14/300 (4.67%)	Mean 4.67%	SD 3.93%		
<hr/>											
*Lung:											
Alveolar/Bronchiolar Carcinoma		8/50 (16%)	9/50 (18%)	12/50 (24%)		0/50 (0%)	3/50 (6%)	3/50 (6%)			
		5/50 (10%)	7/50 (14%)	11/50 (22%)		1/50 (2%)	2/50 (4%)	0/50 (0%)			
Overall Incidence	Total	52/300 (17.33%)	Mean 17.33%	SD 5.16%		Total	9/300 (3%)	Mean 3%	SD 2.76%		
<hr/>											
*Lung:											
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma		13/50 (26%)	19/50 (38%)	15/50 (30%)		1/50 (2%)	4/50 (8%)	5/50 (10%)			
		13/50 (26%)	17/50 (34%)	20/50 (40%)		2/50 (4%)	5/50 (10%)	6/50 (12%)			
Overall Incidence	Total	97/300 (32.33%)	Mean 32.33%	SD 5.99%		Total	23/300 (7.67%)	Mean 7.67%	SD 3.88%		
<hr/>											
*Lung:											
Fibrosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/300 (0%)	Mean 0%	SD 0%		Total	0/300 (0%)	Mean 0%	SD 0%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: AIR

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

		Male						Female						
#Lymph Node: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Lymph Node: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Lymph Node: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Lymph Node: Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Lymph Node, Bronchial: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 03/22/2010

		Male						Female						
#Lymph Node, Mandibular: Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Lymph Node, Mandibular: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
#Lymph Node, Mandibular: Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Lymph Node, Mandibular: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
#Lymph Node, Mesenteric: Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#Lymph Node, Mesenteric: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Lymph Node, Mesenteric: Plasma Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mammary Gland: Adenoacanthoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mammary Gland: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Page: 162
 Report Date: 03/22/2010

Male														Female					
#Mammary Gland: Carcinoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	1/50	(2%)	4/50	(8%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	9/300 (3%)		Mean	3%	SD	2.76%					
.....																			
#Mammary Gland: Carcinoma or Adenoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	1/50	(2%)	4/50	(8%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	9/300 (3%)		Mean	3%	SD	2.76%					
.....																			
#Mammary Gland: Fibroadenoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%					
.....																			
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%					
.....																			
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	1/50	(2%)	5/50	(10%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	10/300 (3.33%)		Mean	3.33%	SD	3.5%					

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 03/22/2010

		Male						Female						
#Mesentery:														
Fibrosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mesentery:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Mesentery:														
Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	2/50	(4%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	Total	4/300	(1.33%)	Mean	1.33%	SD	1.63%
.....														
#Mesentery:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
*Nose:														
Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

Male										Female					
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%	
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%	Total	0/300 (0%)		Mean	0%	SD	0%	
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%	
*Ovary: Choriocarcinoma															
								0/50	(0%)	0/48	(0%)	0/49	(0%)		
								0/48	(0%)	0/49	(0%)	0/50	(0%)		
Overall Incidence								Total	0/294 (0%)		Mean	0%	SD	0%	
*Ovary: Cystadenoma															
								3/50	(6%)	5/48	(10%)	3/49	(6%)		
								2/48	(4%)	6/49	(12%)	2/50	(4%)		
Overall Incidence								Total	21/294 (7.14%)		Mean	7.16%	SD	3.4%	

#: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male			Female				
*Ovary:							
Fibrous Histiocytoma							
		0/50	(0%)	0/48	(0%)	0/49	(0%)
		0/48	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/294	(0%)	Mean	0%	SD	0%
*Ovary:							
Granulosa Cell Tumor Benign							
		0/50	(0%)	0/48	(0%)	0/49	(0%)
		0/48	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/294	(0%)	Mean	0%	SD	0%
*Ovary:							
Granulosa Cell Tumor Malignant							
		0/50	(0%)	0/48	(0%)	0/49	(0%)
		0/48	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/294	(0%)	Mean	0%	SD	0%
*Ovary:							
Granulosa Cell Tumor: Benign, Malignant, NOS							
		0/50	(0%)	0/48	(0%)	0/49	(0%)
		0/48	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/294	(0%)	Mean	0%	SD	0%
*Ovary:							
Hemangioma							
		0/50	(0%)	0/48	(0%)	0/49	(0%)
		0/48	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/294	(0%)	Mean	0%	SD	0%
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male			Female			
*Ovary: Hemangiosarcoma						
		0/50 (0%)	0/48 (0%)	1/49 (2%)		
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	1/294 (0.34%)	Mean 0.34%	SD 0.83%		
*Ovary: Leiomyosarcoma						
		0/50 (0%)	0/48 (0%)	0/49 (0%)		
		0/48 (0%)	1/49 (2%)	0/50 (0%)		
Overall Incidence	Total	1/294 (0.34%)	Mean 0.34%	SD 0.83%		
*Ovary: Luteoma						
		1/50 (2%)	0/48 (0%)	0/49 (0%)		
		0/48 (0%)	0/49 (0%)	1/50 (2%)		
Overall Incidence	Total	2/294 (0.68%)	Mean 0.67%	SD 1.03%		
*Ovary: Plasma Cell Tumor Malignant						
		0/50 (0%)	0/48 (0%)	0/49 (0%)		
		0/48 (0%)	0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/294 (0%)	Mean 0%	SD 0%		
*Ovary: Teratoma Benign						
		0/50 (0%)	1/48 (2%)	0/49 (0%)		
		0/48 (0%)	0/49 (0%)	1/50 (2%)		
Overall Incidence	Total	2/294 (0.68%)	Mean 0.68%	SD 1.05%		
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Length of Study: CHRONIC

Vehicle: AIR

Report Date: 03/22/2010

		Male						Female					
*Ovary: Teratoma Malignant													
								0/50 0/48	(0%) (0%)	0/48 0/49	(0%) (0%)	0/49 1/50	(0%) (2%)
Overall Incidence	Total	1/294 (0.34%)		Mean 0.33%		SD 0.82%							
<hr/>													
*Ovary: Tubulostromal Adenoma													
								0/50 0/48	(0%) (0%)	0/48 0/49	(0%) (0%)	0/49 0/50	(0%) (0%)
Overall Incidence	Total	0/294 (0%)		Mean 0%		SD 0%							
<hr/>													
*Pancreas: Adenoma													
		0/48 0/50	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/49 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
Overall Incidence	Total	0/296 (0%)		Mean 0%		SD 0%		Total 0/298 (0%)		Mean 0%		SD 0%	
<hr/>													
*Pancreas: Carcinoma													
		1/48 0/50	(2%) (0%)	0/50 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/49 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
Overall Incidence	Total	1/296 (0.34%)		Mean 0.35%		SD 0.85%		Total 0/298 (0%)		Mean 0%		SD 0%	
<hr/>													
*Pancreas: Carcinoma or Adenoma													
		1/48 0/50	(2%) (0%)	0/50 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/50 0/49	(0%) (0%)	0/49 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
Overall Incidence	Total	1/296 (0.34%)		Mean 0.35%		SD 0.85%		Total 0/298 (0%)		Mean 0%		SD 0%	

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

Male												Female			
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma															
		1/46	(2%)	1/48	(2%)	0/50	(0%)	5/46	(11%)	8/50	(16%)	10/50	(20%)		
		0/48	(0%)	0/47	(0%)	0/50	(0%)	4/50	(8%)	4/50	(8%)	6/49	(12%)		
Overall Incidence	Total	2/289 (0.69%)		Mean 0.71%		SD 1.1%		Total	37/295 (12.54%)		Mean 12.52%		SD 4.73%		
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma															
		0/46	(0%)	0/48	(0%)	0/50	(0%)	1/46	(2%)	0/50	(0%)	0/50	(0%)		
		0/48	(0%)	0/47	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/49	(0%)		
Overall Incidence	Total	0/289 (0%)		Mean 0%		SD 0%		Total	2/295 (0.68%)		Mean 0.7%		SD 1.08%		
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma															
		1/46	(2%)	1/48	(2%)	0/50	(0%)	6/46	(13%)	8/50	(16%)	10/50	(20%)		
		0/48	(0%)	0/47	(0%)	0/50	(0%)	4/50	(8%)	5/50	(10%)	6/49	(12%)		
Overall Incidence	Total	2/289 (0.69%)		Mean 0.71%		SD 1.1%		Total	39/295 (13.22%)		Mean 13.21%		SD 4.3%		
.....															
*Pituitary Gland: Pars Intermedia: Adenoma															
		0/46	(0%)	0/48	(0%)	0/50	(0%)	0/46	(0%)	2/50	(4%)	2/50	(4%)		
		1/48	(2%)	0/47	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/49	(2%)		
Overall Incidence	Total	1/289 (0.35%)		Mean 0.35%		SD 0.85%		Total	5/295 (1.69%)		Mean 1.67%		SD 1.97%		
.....															
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma															
		0/46	(0%)	0/48	(0%)	0/50	(0%)	0/46	(0%)	2/50	(4%)	2/50	(4%)		
		1/48	(2%)	0/47	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/49	(2%)		
Overall Incidence	Total	1/289 (0.35%)		Mean 0.35%		SD 0.85%		Total	5/295 (1.69%)		Mean 1.67%		SD 1.97%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: AIR

Report Date: 03/22/2010

Male														Female					
*Prostate: Adenoma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)												
		0/50	(0%)	0/50	(0%)	0/49	(0%)												
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%												
*Prostate: Carcinoma or Adenoma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)												
		0/50	(0%)	0/50	(0%)	0/49	(0%)												
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%												
*Prostate: Hemangioma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)												
		0/50	(0%)	0/50	(0%)	0/49	(0%)												
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%												
*Salivary Glands: Carcinoma																			
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%					
*Salivary Glands: Carcinoma or Adenoma																			
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/298	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%					

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 03/22/2010

		Male				Female					
*Salivary Glands:											
Mast Cell Tumor Malignant											
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/298	(0%)	Mean 0%	SD 0%	Total	0/299	(0%)	Mean 0%	SD 0%	
#Seminal Vesicle:											
Adenoma											
		1/50	(2%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/300	(0.33%)	Mean 0.33%	SD 0.82%						
#Skeletal Muscle:											
Fibrosarcoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300	(0%)	Mean 0%	SD 0%	Total	0/300	(0%)	Mean 0%	SD 0%	
#Skeletal Muscle:											
Hemangiosarcoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/300	(0%)	Mean 0%	SD 0%	Total	1/300	(0.33%)	Mean 0.33%	SD 0.82%	
#Skeletal Muscle:											
Myxosarcoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300	(0%)	Mean 0%	SD 0%	Total	0/300	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#Skeletal Muscle: Rhabdomyosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skeletal Muscle: Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin: Basal Cell Adenoma or Basosquamous Tumor Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin: Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#Skin:														
Basal Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Skin:														
Basosquamous Tumor Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

Male												Female			
#Skin:															
Fibroma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
#Skin:															
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma															
		0/50	(0%)	2/50	(4%)	1/50	(2%)	8/50	(16%)	0/50	(0%)	4/50	(8%)		
		0/50	(0%)	0/50	(0%)	2/50	(4%)	6/50	(12%)	2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	5/300	(1.67%)	Mean	1.67%	SD	1.97%	Total	21/300	(7%)	Mean	7%	SD	6.16%	
#Skin:															
Fibrosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
#Skin:															
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma															
		0/50	(0%)	2/50	(4%)	1/50	(2%)	8/50	(16%)	0/50	(0%)	4/50	(8%)		
		0/50	(0%)	0/50	(0%)	2/50	(4%)	6/50	(12%)	2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	5/300	(1.67%)	Mean	1.67%	SD	1.97%	Total	21/300	(7%)	Mean	7%	SD	6.16%	
#Skin:															
Fibrous Histiocytoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#Skin:														
Granular Cell Tumor Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)	2/50	(4%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	4/300	(1.33%)	Mean	1.33%	SD	1.63%	Total	3/300	(1%)	Mean	1%	SD	1.1%
.....														
#Skin:														
Liposarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Skin:														
Mast Cell Tumor Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#Skin:														
Myxosarcoma		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Neurofibrosarcoma or Schwannoma (malignant or NOS)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Osteosarcoma		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Sarcoma		0/50	(0%)	1/50	(2%)	1/50	(2%)	7/50	(14%)	0/50	(0%)	4/50	(8%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)	6/50	(12%)	2/50	(4%)	1/50	(2%)	
Overall Incidence	Total	3/300	(1%)	Mean	1%	SD	1.1%	Total	20/300	(6.67%)	Mean	6.67%	SD	5.61%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male						Female						
#Skin:														
Schwannoma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Skin:														
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Skin:														
Squamous Cell Papilloma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Papilloma or Papilloma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

Male												Female			
#Skin:															
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Skin:															
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Sebaceous Gland:															
Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	
.....															
#Skin: Sebaceous Gland:															
Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#Skin: Sebaceous Gland: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Spinal Cord: Meningioma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
*Spleen: Fibrous Histiocytoma														
		0/48	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/296	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
*Spleen: Hemangioma														
		0/48	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/296	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
*Spleen: Hemangiosarcoma														
		2/48	(4%)	0/50	(0%)	3/50	(6%)			1/50	(2%)	0/49	(0%)	
		1/50	(2%)	1/49	(2%)	1/49	(2%)			0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	8/296	(2.7%)	Mean	2.71%	SD	2.08%	Total	5/299	(1.67%)	Mean	1.67%	SD	1.51%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Page: 179
 Report Date: 03/22/2010

		Male						Female						
*Spleen:														
Mast Cell Tumor Malignant														
		0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/296	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
*Spleen:														
Plasma Cell Tumor Malignant														
		0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/296	(0%)	Mean	0%	SD	0%	Total	0/299	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Forestomach:														
Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Forestomach:														
Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	2/300	(0.67%)	Mean	0.67%	SD	1.63%	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%
.....														
#Stomach, Forestomach:														
Squamous Cell Carcinoma or Papilloma Squamous														
		0/50	(0%)	1/50	(2%)	2/50	(4%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	1/50	(2%)	
Overall Incidence	Total	3/300	(1%)	Mean	1%	SD	1.67%	Total	5/300	(1.67%)	Mean	1.67%	SD	0.82%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION

Vehicle: AIR

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Report Date: 03/22/2010

Male														Female					
#Stomach, Forestomach: Squamous Cell Papilloma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	1/50	(2%)	1/50	(2%)				
Overall Incidence	Total	1/300 (0.33%)			Mean	0.33%		SD	0.82%		Total	3/300 (1%)		Mean	1%		SD	1.1%	
#Stomach, Glandular: Adenoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/300 (0%)			Mean	0%		SD	0%		Total	0/300 (0%)		Mean	0%		SD	0%	
#Stomach, Glandular: Carcinoma or Adenoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/300 (0%)			Mean	0%		SD	0%		Total	0/300 (0%)		Mean	0%		SD	0%	
*Testes: Adenoma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)												
		0/50	(0%)	0/50	(0%)	0/50	(0%)												
Overall Incidence	Total	1/300 (0.33%)			Mean	0.33%		SD	0.82%										
*Thymus: Thymoma Benign																			
		0/38	(0%)	0/45	(0%)	0/38	(0%)			0/49	(0%)	0/49	(0%)	0/47	(0%)				
		0/41	(0%)	0/47	(0%)	0/47	(0%)			0/50	(0%)	0/49	(0%)	0/48	(0%)				
Overall Incidence	Total	0/256 (0%)			Mean	0%		SD	0%		Total	0/292 (0%)		Mean	0%		SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION

Vehicle: AIR

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Report Date: 03/22/2010

Male														Female					
*Thymus:																			
Thymoma Malignant																			
		0/38	(0%)	0/45	(0%)	0/38	(0%)			0/49	(0%)	0/49	(0%)	0/47	(0%)				
		0/41	(0%)	0/47	(0%)	0/47	(0%)			0/50	(0%)	0/49	(0%)	0/48	(0%)				
Overall Incidence	Total	0/256 (0%)		Mean	0%	SD	0%	Total		0/292 (0%)		Mean	0%	SD	0%				
.....																			
*Thymus:																			
Thymoma: Benign, Malignant, NOS																			
		0/38	(0%)	0/45	(0%)	0/38	(0%)			0/49	(0%)	0/49	(0%)	0/47	(0%)				
		0/41	(0%)	0/47	(0%)	0/47	(0%)			0/50	(0%)	0/49	(0%)	0/48	(0%)				
Overall Incidence	Total	0/256 (0%)		Mean	0%	SD	0%	Total		0/292 (0%)		Mean	0%	SD	0%				
.....																			
*Thyroid Gland: C-Cell:																			
Carcinoma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/297 (0%)		Mean	0%	SD	0%	Total		0/299 (0%)		Mean	0%	SD	0%				
.....																			
*Thyroid Gland: C-Cell:																			
Carcinoma or Adenoma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)				
		0/50	(0%)	0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/297 (0%)		Mean	0%	SD	0%	Total		0/299 (0%)		Mean	0%	SD	0%				
.....																			
*Thyroid Gland: Follicular Cell:																			
Adenoma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	1/50	(2%)	0/50	(0%)				
		3/50	(6%)	0/49	(0%)	0/49	(0%)			3/50	(6%)	2/50	(4%)	0/50	(0%)				
Overall Incidence	Total	3/297 (1.01%)		Mean	1%	SD	2.45%	Total		6/299 (2.01%)		Mean	2%	SD	2.53%				

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female							
*Thyroid Gland: Follicular Cell: Carcinoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/297 (0%)		Mean	0%	SD	0%	Total	2/299 (0.67%)		Mean	0.67%	SD	1.03%	
.....															
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	2/50	(4%)	0/50	(0%)
		3/50	(6%)	0/49	(0%)	0/49	(0%)			3/50	(6%)	2/50	(4%)	1/50	(2%)
Overall Incidence	Total	3/297 (1.01%)		Mean	1%	SD	2.45%	Total	8/299 (2.68%)		Mean	2.67%	SD	2.42%	
.....															
#Tissue NOS: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	1/300 (0.33%)		Mean	0.33%	SD	0.82%	
.....															
#Tissue NOS: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	0/300 (0%)		Mean	0%	SD	0%	
.....															
#Tissue NOS: Plasma Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300 (0%)		Mean	0%	SD	0%	Total	0/300 (0%)		Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Page: 183
 Report Date: 03/22/2010

		Male						Female						
#Tissue NOS:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Tongue:														
Fibroma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Tongue:														
Squamous Cell Carcinoma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	Total	0/300	(0%)	Mean	0%	SD	0%
.....														
#Tongue:														
Squamous Cell Carcinoma or Papilloma Squamous														
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%
.....														
#Tongue:														
Squamous Cell Papilloma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%	Total	1/300	(0.33%)	Mean	0.33%	SD	0.82%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 03/22/2010

		Male						Female						
#Tooth:														
Odontoma														
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	3/300	(1%)	Mean	1%	SD	1.67%	Total	0/300	(0%)	Mean	0%	SD	0%
*Urinary Bladder:														
Hemangioma														
		0/47	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/49	(0%)	
Overall Incidence	Total	0/295	(0%)	Mean	0%	SD	0%	Total	0/296	(0%)	Mean	0%	SD	0%
*Urinary Bladder:														
Hemangiosarcoma														
		0/47	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/48	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/49	(0%)	
Overall Incidence	Total	0/295	(0%)	Mean	0%	SD	0%	Total	1/296	(0.34%)	Mean	0.33%	SD	0.82%
*Urinary Bladder:														
Plasma Cell Tumor Malignant														
		0/47	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/49	(0%)	
Overall Incidence	Total	0/295	(0%)	Mean	0%	SD	0%	Total	0/296	(0%)	Mean	0%	SD	0%
*Urinary Bladder:														
Sarcoma														
		0/47	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)	0/49	(0%)	
Overall Incidence	Total	0/295	(0%)	Mean	0%	SD	0%	Total	0/296	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male			Female			
#Uterus:						
Adenoma						
			0/50	(0%)	0/50	(0%)
			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	2/300 (0.67%)	Mean	0.67%	SD	1.03%
#Uterus:						
Carcinoma						
			0/50	(0%)	3/50	(6%)
			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	4/300 (1.33%)	Mean	1.33%	SD	2.42%
#Uterus:						
Hemangioma						
			0/50	(0%)	0/50	(0%)
			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300 (0%)	Mean	0%	SD	0%
#Uterus:						
Hemangiosarcoma						
			0/50	(0%)	0/50	(0%)
			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	2/300 (0.67%)	Mean	0.67%	SD	1.03%
#Uterus:						
Leiomyoma						
			0/50	(0%)	0/50	(0%)
			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	1/300 (0.33%)	Mean	0.33%	SD	0.82%
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Length of Study: CHRONIC

Vehicle: AIR

Report Date: 03/22/2010

	Male			Female			
#Uterus:							
Leiomyosarcoma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	2/300	(0.67%)	Mean	0.67%	SD	1.03%
.....							
#Uterus:							
Polyp Stromal							
		0/50	(0%)	3/50	(6%)	1/50	(2%)
		3/50	(6%)	2/50	(4%)	1/50	(2%)
Overall Incidence	Total	10/300	(3.33%)	Mean	3.33%	SD	2.42%
.....							
#Uterus:							
Sarcoma Stromal							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%
.....							
#Uterus:							
Sarcoma Stromal or Polyp Stromal							
		0/50	(0%)	3/50	(6%)	1/50	(2%)
		3/50	(6%)	2/50	(4%)	1/50	(2%)
Overall Incidence	Total	10/300	(3.33%)	Mean	3.33%	SD	2.42%
.....							
#Uterus:							
Schwannoma Malignant							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male			Female				
#Vagina:							
Liposarcoma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%
#Vagina:							
Squamous Cell Papilloma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/300	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 03/22/2010

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Southern Research Institute	059902704	07/29/02	729	50(1)	46(715)	50.0	Chromium picolinate monohydrate
Battelle Columbus Laboratory	050517406	N/A	N/A	0(0)	0(0)	N/A	Cresols
Southern Research Institute	059900706	05/12/03	729	50(1)	43(715)	48.3	Goldenseal root powder
Southern Research Institute	052000804	03/25/03	729	50(1)	45(712)	49.8	Milk thistle extract
Female							
Southern Research Institute	059902704	07/29/02	732	50(5)	45(698)	50.3	Chromium picolinate monohydrate
Battelle Columbus Laboratory	050517406	08/20/02	728	50(5)	41(696)	51.8	Cresols
Southern Research Institute	059900706	05/12/03	732	50(5)	44(718)	51.9	Goldenseal root powder
Southern Research Institute	052000804	03/25/03	732	50(5)	40(714)	51.0	Milk thistle extract

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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 Report Date: 03/22/2010

Male					Female				
#All Organs: Benign Tumors									
		28/50 (56%) 21/50 (42%)		28/50 (56%)		16/50 (32%) 18/50 (36%)	16/50 (32%)	17/50 (34%)	
Overall Incidence	Total	77/150 (51.33%)	Mean 51.33%	SD 8.08%	Total	67/200 (33.5%)	Mean 33.5%	SD 1.91%	
.....									
#All Organs: Malignant Tumors									
		24/50 (48%) 29/50 (58%)		20/50 (40%)		22/50 (44%) 19/50 (38%)	20/50 (40%)	13/50 (26%)	
Overall Incidence	Total	73/150 (48.67%)	Mean 48.67%	SD 9.02%	Total	74/200 (37%)	Mean 37%	SD 7.75%	
.....									
#All Organs: Malignant and Benign Tumors									
		40/50 (80%) 39/50 (78%)		38/50 (76%)		31/50 (62%) 32/50 (64%)	29/50 (58%)	26/50 (52%)	
Overall Incidence	Total	117/150 (78%)	Mean 78%	SD 2%	Total	118/200 (59%)	Mean 59%	SD 5.29%	
.....									
#All Organs: Hemangioma									
		0/50 (0%) 2/50 (4%)		0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
#All Organs: Hemangiosarcoma									
		2/50 (4%) 3/50 (6%)		2/50 (4%)		3/50 (6%) 2/50 (4%)	1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	7/150 (4.67%)	Mean 4.67%	SD 1.15%	Total	7/200 (3.5%)	Mean 3.5%	SD 1.91%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Page: 190
 Report Date: 03/22/2010

Male					Female				
#All Organs: Hemangiosarcoma or Hemangioma									
		2/50 (4%)		2/50 (4%)		3/50 (6%)	1/50 (2%)	1/50 (2%)	
		4/50 (8%)				3/50 (6%)			
Overall Incidence	Total	8/150 (5.33%)	Mean 5.33%	SD 2.31%	Total	8/200 (4%)	Mean 4%	SD 2.31%	
#All Organs: Histiocytic Sarcoma									
		0/50 (0%)		0/50 (0%)		1/50 (2%)	2/50 (4%)	0/50 (0%)	
		0/50 (0%)				1/50 (2%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	4/200 (2%)	Mean 2%	SD 1.63%	
#All Organs: Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type									
		2/50 (4%)		1/50 (2%)		5/50 (10%)	7/50 (14%)	6/50 (12%)	
		6/50 (12%)				11/50 (22%)			
Overall Incidence	Total	9/150 (6%)	Mean 6%	SD 5.29%	Total	29/200 (14.5%)	Mean 14.5%	SD 5.26%	
#All Organs: Mesothelioma: Benign, Malignant, NOS									
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
#All Organs: Mesothelioma: Malignant									
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Page: 191
 Report Date: 03/22/2010

Male					Female				
#All Organs: Osteoma									
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#All Organs: Osteosarcoma									
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 1/50	(0%) (2%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
#All Organs: Osteosarcoma or Osteoma									
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 1/50	(0%) (2%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
#Adrenal Cortex: Adenoma									
		0/50 1/50	(0%) (2%)		2/50 (4%)		0/50 0/50	(0%) (0%)	0/50 (0%)
Overall Incidence	Total	3/150	(2%)	Mean 2%	SD 2%	Total	0/199	(0%)	Mean 0%
#Adrenal Cortex: Plasma Cell Tumor Malignant									
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/199	(0%)	Mean 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date: 03/22/2010

Male										Female					
*Bone Marrow: Hemangiosarcoma															
		0/50 1/49	(0%) (2%)			0/50	(0%)			0/50 0/50	(0%) (0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	1/149 (0.67%)		Mean	0.68%	SD 1.18%		Total	0/199 (0%)		Mean	0%	SD 0%		
*Bone Marrow: Plasma Cell Tumor Malignant															
		0/50 0/49	(0%) (0%)			0/50	(0%)			0/50 0/50	(0%) (0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/149 (0%)		Mean	0%	SD 0%		Total	0/199 (0%)		Mean	0%	SD 0%		
#Bone: Hemangiosarcoma															
		0/50 0/50	(0%) (0%)			0/50	(0%)			0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD 0%		Total	0/200 (0%)		Mean	0%	SD 0%		
#Bone: Osteoma															
		0/50 0/50	(0%) (0%)			0/50	(0%)			0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD 0%		Total	0/200 (0%)		Mean	0%	SD 0%		
#Bone: Osteosarcoma															
		0/50 0/50	(0%) (0%)			0/50	(0%)			0/50 1/50	(0%) (2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD 0%		Total	1/200 (0.5%)		Mean	0.5%	SD 1%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date: 03/22/2010

Male												Female					
#Bone: Osteosarcoma or Osteoma																	
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)		
		0/50	(0%)							1/50	(2%)						
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/200	(0.5%)	Mean	0.5%	SD	1%		
#Brain: Meningioma Benign																	
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)		
		0/50	(0%)							0/50	(0%)						
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%		
#Brain: Meningioma Malignant																	
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)		
		0/50	(0%)							0/50	(0%)						
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%		
#Brain: Meningioma: Benign, Malignant, NOS																	
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)		
		0/50	(0%)							0/50	(0%)						
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%		
#Brain: Schwannoma Malignant																	
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)		
		0/50	(0%)							0/50	(0%)						
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%		

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Male										Female						
*Clitoral/Preputial Gland: Adenoma																
		0/50 (0%)				0/50 (0%)				0/44 (0%)		0/49 (0%)		0/50 (0%)		
		1/50 (2%)								0/47 (0%)						
Overall Incidence	Total	1/150 (0.67%)		Mean	0.67%	SD	1.15%		Total	0/190 (0%)		Mean	0%		SD	0%
*Clitoral/Preputial Gland: Carcinoma																
		0/50 (0%)				0/50 (0%)				0/44 (0%)		1/49 (2%)		0/50 (0%)		
		0/50 (0%)								0/47 (0%)						
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%		Total	1/190 (0.53%)		Mean	0.51%		SD	1.02%
*Clitoral/Preputial Gland: Carcinoma or Adenoma																
		0/50 (0%)				0/50 (0%)				0/44 (0%)		1/49 (2%)		0/50 (0%)		
		1/50 (2%)								0/47 (0%)						
Overall Incidence	Total	1/150 (0.67%)		Mean	0.67%	SD	1.15%		Total	1/190 (0.53%)		Mean	0.51%		SD	1.02%
*Clitoral/Preputial Gland: Hemangioma																
		0/50 (0%)				0/50 (0%)				0/44 (0%)		0/49 (0%)		0/50 (0%)		
		0/50 (0%)								0/47 (0%)						
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%		Total	0/190 (0%)		Mean	0%		SD	0%
*Clitoral/Preputial Gland: Hemangiosarcoma																
		0/50 (0%)				0/50 (0%)				0/44 (0%)		0/49 (0%)		0/50 (0%)		
		0/50 (0%)								0/47 (0%)						
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%		Total	0/190 (0%)		Mean	0%		SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male					Female				
*Clitoral/Preputial Gland: Squamous Cell Carcinoma									
		0/50	(0%)		0/50	(0%)		0/44	(0%)
		0/50	(0%)					0/49	(0%)
								0/50	(0%)
								0/47	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/190	(0%)	Mean 0%
#Esophagus: Squamous Cell Carcinoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)					0/50	(0%)
								0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#Eye: Sarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)					0/50	(0%)
								0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#Harderian Gland: Adenoma									
		5/50	(10%)		7/50	(14%)		7/50	(14%)
		5/50	(10%)					6/50	(12%)
								5/50	(10%)
Overall Incidence	Total	17/150	(11.33%)	Mean 11.33%	SD 2.31%	Total	24/200	(12%)	Mean 12%
#Harderian Gland: Carcinoma									
		1/50	(2%)		2/50	(4%)		2/50	(4%)
		0/50	(0%)					2/50	(4%)
								1/50	(2%)
Overall Incidence	Total	3/150	(2%)	Mean 2%	SD 2%	Total	7/200	(3.5%)	Mean 3.5%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Male					Female				
#Intestine Large: Cecum: Carcinoma or Adenoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0% SD 0%
#Intestine Large: Cecum: Leiomyoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0% SD 0%
#Intestine Large: Colon/Rectum: Leiomyosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0% SD 0%
#Intestine Small: Duodenum: Adenoma									
		1/50	(2%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/200	(0%)	Mean 0% SD 0%
#Intestine Small: Duodenum: Carcinoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date: 03/22/2010

Male										Female					
#Intestine Small: Duodenum: Leiomyosarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%
#Intestine Small: Duodenum: Polyp Adenomatous															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%
#Intestine Small: Ileum: Carcinoma															
		1/50	(2%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		0/200	(0%)	Mean	0%	SD	0%
#Intestine Small: Ileum: Hemangiosarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%
#Intestine Small: Ileum: Polyp Adenomatous															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/200	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Report Date: 03/22/2010

Male					Female				
#Intestine Small: Jejunum: Adenoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0% SD 0%
#Intestine Small: Jejunum: Carcinoma									
		1/50	(2%)		2/50	(4%)		1/50	(2%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	3/150	(2%)	Mean 2%	SD 2%	Total	1/200	(0.5%)	Mean 0.5% SD 1%
#Intestine Small: Jejunum: Hemangiosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0% SD 0%
#Intestine Small: Jejunum: Leiomyosarcoma									
		0/50	(0%)		0/50	(0%)		1/50	(2%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5% SD 1%
#Intestine Small: Site Unspecified: Adenoma									
		1/50	(2%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/200	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Report Date: 03/22/2010

Male					Female				
#Intestine Small: Site Unspecified: Carcinoma									
		2/50 (4%)		2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 2.31%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
#Intestine Small: Site Unspecified: Carcinoma or Adenoma									
		3/50 (6%)		2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	5/150 (3.33%)	Mean 3.33%	SD 3.06%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
#Intestine Small: Site Unspecified: Hemangiosarcoma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
#Intestine Small: Site Unspecified: Leiomyosarcoma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
#Intestine Small: Site Unspecified: Polyp Adenomatous									
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Report Date: 03/22/2010

Male										Female					
*Islets, Pancreatic: Adenoma															
		1/50 (2%) 0/49 (0%)				0/49 (0%)				0/50 (0%) 0/49 (0%)		1/50 (2%) 1/48 (2%)			
Overall Incidence	Total	1/148 (0.68%)		Mean	0.67%	SD	1.15%	Total	2/197 (1.02%)		Mean	1.02%	SD	1.18%	
*Islets, Pancreatic: Carcinoma															
		0/50 (0%) 0/49 (0%)				0/49 (0%)				2/50 (4%) 0/49 (0%)		0/50 (0%) 0/48 (0%)			
Overall Incidence	Total	0/148 (0%)		Mean	0%	SD	0%	Total	2/197 (1.02%)		Mean	1%	SD	2%	
*Islets, Pancreatic: Carcinoma or Adenoma															
		1/50 (2%) 0/49 (0%)				0/49 (0%)				2/50 (4%) 0/49 (0%)		1/50 (2%) 1/48 (2%)			
Overall Incidence	Total	1/148 (0.68%)		Mean	0.67%	SD	1.15%	Total	4/197 (2.03%)		Mean	2.02%	SD	1.63%	
*Kidney: Renal Tubule: Adenoma															
		2/50 (4%) 0/50 (0%)				0/50 (0%)				0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)			
Overall Incidence	Total	2/150 (1.33%)		Mean	1.33%	SD	2.31%	Total	0/200 (0%)		Mean	0%	SD	0%	
*Kidney: Renal Tubule: Carcinoma															
		1/50 (2%) 0/50 (0%)				0/50 (0%)				0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)			
Overall Incidence	Total	1/150 (0.67%)		Mean	0.67%	SD	1.15%	Total	0/200 (0%)		Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male										Female					
*Kidney: Renal Tubule: Carcinoma or Adenoma															
		3/50	(6%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)							0/50	(0%)				
Overall Incidence	Total	3/150	(2%)	Mean	2%	SD	3.46%	Total	0/200	(0%)	Mean	0%	SD	0%	
*Kidney: Renal Tubule: Hemangioma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)							0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
*Kidney: Renal Tubule: Hemangiosarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)							0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
*Kidney: Renal Tubule: Plasma Cell Tumor Malignant															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)							0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
*Kidney: Renal Tubule: Sarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)							0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date: 03/22/2010

Male					Female				
*Liver: Fibrous Histiocytoma									
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
<hr/>									
*Liver: Hemangioma									
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
<hr/>									
*Liver: Hemangiosarcoma									
		2/50 0/50	(4%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/50 (0%)
Overall Incidence	Total	2/150	(1.33%)	Mean 1.33%	SD 2.31%	Total	0/200	(0%)	Mean 0%
<hr/>									
*Liver: Hepatoblastoma									
		0/50 0/50	(0%) (0%)		1/50 (2%)		0/50 0/50	(0%) (0%)	0/50 (0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/200	(0%)	Mean 0%
<hr/>									
*Liver: Hepatocellular Adenoma									
		21/50 12/50	(42%) (24%)		22/50 (44%)		1/50 3/50	(2%) (6%)	4/50 (8%)
Overall Incidence	Total	55/150	(36.67%)	Mean 36.67%	SD 11.02%	Total	11/200	(5.5%)	Mean 5.5%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Male					Female				
*Liver: Hepatocellular Carcinoma									
		15/50 (30%)		8/50 (16%)		3/50 (6%)	1/50 (2%)	3/50 (6%)	
		17/50 (34%)				0/50 (0%)			
Overall Incidence	Total	40/150 (26.67%)	Mean 26.67%	SD 9.45%	Total	7/200 (3.5%)	Mean 3.5%	SD 3%	
*Liver: Hepatocellular Carcinoma or Hepatoblastoma									
		15/50 (30%)		9/50 (18%)		3/50 (6%)	1/50 (2%)	3/50 (6%)	
		17/50 (34%)				0/50 (0%)			
Overall Incidence	Total	41/150 (27.33%)	Mean 27.33%	SD 8.33%	Total	7/200 (3.5%)	Mean 3.5%	SD 3%	
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma									
		32/50 (64%)		26/50 (52%)		4/50 (8%)	4/50 (8%)	6/50 (12%)	
		26/50 (52%)				3/50 (6%)			
Overall Incidence	Total	84/150 (56%)	Mean 56%	SD 6.93%	Total	17/200 (8.5%)	Mean 8.5%	SD 2.52%	
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
		32/50 (64%)		26/50 (52%)		4/50 (8%)	4/50 (8%)	6/50 (12%)	
		26/50 (52%)				3/50 (6%)			
Overall Incidence	Total	84/150 (56%)	Mean 56%	SD 6.93%	Total	17/200 (8.5%)	Mean 8.5%	SD 2.52%	
*Liver: Hepatocholangiocarcinoma									
		0/50 (0%)		1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: FEED

Report Date: 03/22/2010

Male												Female					
*Liver: Hepatocholangioma																	
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/200 (0%)		Mean 0%		SD 0%			

*Liver: Ito Cell Tumor Benign																	
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/200 (0%)		Mean 0%		SD 0%			

*Liver: Ito Cell Tumor Malignant																	
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/200 (0%)		Mean 0%		SD 0%			

*Liver: Plasma Cell Tumor Malignant																	
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/200 (0%)		Mean 0%		SD 0%			

*Liver: Sarcoma																	
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
		0/50 (0%)				0/50 (0%)				0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/200 (0%)		Mean 0%		SD 0%			

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Report Date: 03/22/2010

Male					Female						
*Lung: Adenoma											
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)		0/50 (0%)	(0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%	Total	0/200 (0%)		Mean 0%	SD 0%	
.....											
*Lung: Alveolar/Bronchiolar Adenoma											
		13/50 1/50	(26%) (2%)		4/50 (8%)		1/50 1/50	(2%) (2%)		5/50 (10%)	4/50 (8%)
Overall Incidence	Total	18/150 (12%)		Mean 12%	SD 12.49%	Total	11/200 (5.5%)		Mean 5.5%	SD 4.12%	
.....											
*Lung: Alveolar/Bronchiolar Carcinoma											
		3/50 10/50	(6%) (20%)		6/50 (12%)		1/50 1/50	(2%) (2%)		2/50 (4%)	1/50 (2%)
Overall Incidence	Total	19/150 (12.67%)		Mean 12.67%	SD 7.02%	Total	5/200 (2.5%)		Mean 2.5%	SD 1%	
.....											
*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma											
		16/50 11/50	(32%) (22%)		10/50 (20%)		2/50 2/50	(4%) (4%)		5/50 (10%)	5/50 (10%)
Overall Incidence	Total	37/150 (24.67%)		Mean 24.67%	SD 6.43%	Total	14/200 (7%)		Mean 7%	SD 3.46%	
.....											
*Lung: Fibrosarcoma											
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)		0/50 (0%)	(0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%	Total	0/200 (0%)		Mean 0%	SD 0%	
.....											

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date: 03/22/2010

Male												Female			
*Lung: Fibrous Histiocytoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
*Lung: Hemangiosarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
*Lung: Plasma Cell Tumor Malignant															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
*Lung: Sarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		1/50	(2%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/200	(0%)	Mean	0%	SD	0%	
#Lymph Node: Fibrous Histiocytoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Male					Female				
#Lymph Node: Hemangioma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Lymph Node: Hemangiosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			1/50	(2%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Lymph Node: Plasma Cell Tumor Malignant									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Lymph Node: Sarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		1/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Lymph Node, Bronchial: Hemangiosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male					Female				
#Lymph Node, Mandibular: Fibrous Histiocytoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#Lymph Node, Mandibular: Hemangiosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			1/50	(2%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
#Lymph Node, Mandibular: Mast Cell Tumor Malignant									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#Lymph Node, Mandibular: Plasma Cell Tumor Malignant									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#Lymph Node, Mesenteric: Fibrous Histiocytoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: FEED

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Male					Female				
#Mammary Gland: Carcinoma									
		0/50	(0%)		0/50	(0%)		1/50	(2%)
		0/50	(0%)					0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Mammary Gland: Carcinoma or Adenoma									
		0/50	(0%)		0/50	(0%)		1/50	(2%)
		0/50	(0%)					0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Mammary Gland: Fibroadenoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)					0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)					0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma									
		0/50	(0%)		0/50	(0%)		1/50	(2%)
		0/50	(0%)					0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male					Female				
#Mesentery: Fibrosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#Mesentery: Hemangioma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		1/50	(2%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/200	(0%)	Mean 0%
#Mesentery: Hemangiosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
#Mesentery: Sarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
*Nose: Mast Cell Tumor Malignant									
		1/50	(2%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)				0/50	(0%)	0/50 (0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/200	(0%)	Mean 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: FEED

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Male			Female			
*Ovary: Fibrous Histiocytoma						
		0/48 (0%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	0/193 (0%)	Mean 0%	SD 0%		
*Ovary: Granulosa Cell Tumor Benign						
		2/48 (4%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	2/193 (1.04%)	Mean 1.04%	SD 2.08%		
*Ovary: Granulosa Cell Tumor Malignant						
		1/48 (2%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	1/193 (0.52%)	Mean 0.52%	SD 1.04%		
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS						
		3/48 (6%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	3/193 (1.55%)	Mean 1.56%	SD 3.12%		
*Ovary: Hemangioma						
		0/48 (0%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	0/193 (0%)	Mean 0%	SD 0%		
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Male			Female			
*Ovary: Hemangiosarcoma						
		0/48 (0%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	0/193 (0%)	Mean 0%	SD 0%		
*Ovary: Leiomyosarcoma						
		0/48 (0%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	0/193 (0%)	Mean 0%	SD 0%		
*Ovary: Luteoma						
		0/48 (0%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	0/193 (0%)	Mean 0%	SD 0%		
*Ovary: Plasma Cell Tumor Malignant						
		0/48 (0%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	0/193 (0%)	Mean 0%	SD 0%		
*Ovary: Teratoma Benign						
		0/48 (0%)	0/50 (0%)	0/49 (0%)		
		0/46 (0%)				
Overall Incidence	Total	0/193 (0%)	Mean 0%	SD 0%		
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Length of Study: CHRONIC

Vehicle: FEED

Report Date: 03/22/2010

Male										Female													
*Ovary: Teratoma Malignant																							
										0/48	(0%)			0/50	(0%)			0/49	(0%)				
										0/46	(0%)												
Overall Incidence										Total	0/193	(0%)	Mean 0%		SD 0%								

*Ovary: Tubulostromal Adenoma																							
										0/48	(0%)			0/50	(0%)			0/49	(0%)				
										0/46	(0%)												
Overall Incidence										Total	0/193	(0%)	Mean 0%		SD 0%								

*Pancreas: Adenoma																							
										0/50	(0%)			1/49	(2%)			0/50	(0%)	0/50	(0%)	0/48	(0%)
										0/49	(0%)							0/49	(0%)				
Overall Incidence										Total	1/148	(0.68%)	Mean 0.68%		SD 1.18%		Total	0/197	(0%)	Mean 0%		SD 0%	

*Pancreas: Carcinoma																							
										0/50	(0%)			0/49	(0%)			0/50	(0%)	0/50	(0%)	0/48	(0%)
										0/49	(0%)							0/49	(0%)				
Overall Incidence										Total	0/148	(0%)	Mean 0%		SD 0%		Total	0/197	(0%)	Mean 0%		SD 0%	

*Pancreas: Carcinoma or Adenoma																							
										0/50	(0%)			1/49	(2%)			0/50	(0%)	0/50	(0%)	0/48	(0%)
										0/49	(0%)							0/49	(0%)				
Overall Incidence										Total	1/148	(0.68%)	Mean 0.68%		SD 1.18%		Total	0/197	(0%)	Mean 0%		SD 0%	

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date: 03/22/2010

Male						Female					
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma											
		0/48 0/48	(0%) (0%)		0/50 (0%)		1/47 2/49	(2%) (4%)	2/50 (4%)	0/50 (0%)	
Overall Incidence	Total	0/146	(0%)	Mean 0%	SD 0%	Total	5/196	(2.55%)	Mean 2.55%	SD 1.93%	
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma											
		0/48 0/48	(0%) (0%)		0/50 (0%)		0/47 0/49	(0%) (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/146	(0%)	Mean 0%	SD 0%	Total	0/196	(0%)	Mean 0%	SD 0%	
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma											
		0/48 0/48	(0%) (0%)		0/50 (0%)		1/47 2/49	(2%) (4%)	2/50 (4%)	0/50 (0%)	
Overall Incidence	Total	0/146	(0%)	Mean 0%	SD 0%	Total	5/196	(2.55%)	Mean 2.55%	SD 1.93%	
*Pituitary Gland: Pars Intermedia: Adenoma											
		0/48 0/48	(0%) (0%)		0/50 (0%)		1/47 0/49	(2%) (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/146	(0%)	Mean 0%	SD 0%	Total	1/196	(0.51%)	Mean 0.53%	SD 1.06%	
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma											
		0/48 0/48	(0%) (0%)		0/50 (0%)		1/47 0/49	(2%) (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/146	(0%)	Mean 0%	SD 0%	Total	1/196	(0.51%)	Mean 0.53%	SD 1.06%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: FEED

Report Date: 03/22/2010

Male					Female				
*Prostate: Adenoma									
		1/50 0/50	(2%) (0%)			0/50	(0%)		
Overall Incidence	Total	1/150 (0.67%)		Mean 0.67%	SD 1.15%				
.....									
*Prostate: Carcinoma or Adenoma									
		1/50 0/50	(2%) (0%)			0/50	(0%)		
Overall Incidence	Total	1/150 (0.67%)		Mean 0.67%	SD 1.15%				
.....									
*Prostate: Hemangioma									
		0/50 0/50	(0%) (0%)			0/50	(0%)		
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%				
.....									
*Salivary Glands: Carcinoma									
		0/50 0/50	(0%) (0%)			0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%	Total	0/200 (0%)		Mean 0% SD 0%
.....									
*Salivary Glands: Carcinoma or Adenoma									
		0/50 0/50	(0%) (0%)			0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%	Total	0/200 (0%)		Mean 0% SD 0%

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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Report Date: 03/22/2010

Male										Female					
*Salivary Glands: Mast Cell Tumor Malignant															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
.....															
#Seminal Vesicle: Adenoma															
		0/50	(0%)			0/50	(0%)								
		0/50	(0%)			0/50	(0%)								
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%								
.....															
#Skeletal Muscle: Fibrosarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle: Hemangiosarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		1/50	(2%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/200	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle: Myxosarcoma															
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
		0/50	(0%)			0/50	(0%)			0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Male					Female				
#Skeletal Muscle: Rhabdomyosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			1/50	(2%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			1/50	(2%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Skeletal Muscle: Sarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		1/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Skin: Basal Cell Adenoma or Basosquamous Tumor Benign									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Skin: Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		1/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Page: 222
Report Date: 03/22/2010

Male					Female				
#Skin:									
Basal Cell Carcinoma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
#Skin:									
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)									
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
#Skin:									
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)	1/50 (2%)
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
#Skin:									
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)	1/50 (2%)
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
#Skin:									
Basosquamous Tumor Benign									
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Page: 223
 Report Date: 03/22/2010

Male					Female				
#Skin:									
Fibroma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)
		1/50 (2%)				0/50 (0%)			
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma									
		1/50 (2%)		0/50 (0%)		2/50 (4%)		5/50 (10%)	3/50 (6%)
		3/50 (6%)				3/50 (6%)			
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%	Total	13/200 (6.5%)	Mean 6.5%	SD 2.52%	
.....									
#Skin:									
Fibrosarcoma									
		0/50 (0%)		0/50 (0%)		1/50 (2%)		4/50 (8%)	1/50 (2%)
		0/50 (0%)				3/50 (6%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	9/200 (4.5%)	Mean 4.5%	SD 3%	
.....									
#Skin:									
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma									
		1/50 (2%)		0/50 (0%)		2/50 (4%)		5/50 (10%)	3/50 (6%)
		2/50 (4%)				3/50 (6%)			
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 2%	Total	13/200 (6.5%)	Mean 6.5%	SD 2.52%	
.....									
#Skin:									
Fibrous Histiocytoma									
		1/50 (2%)		0/50 (0%)		1/50 (2%)		0/50 (0%)	0/50 (0%)
		2/50 (4%)				0/50 (0%)			
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 2%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Male					Female				
#Skin:									
Granular Cell Tumor Benign									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Skin:									
Hemangioma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			1/50	(2%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
									SD 1%
#Skin:									
Hemangiosarcoma									
		0/50	(0%)		1/50	(2%)		0/50	(0%)
		2/50	(4%)			0/50	(0%)		0/50
Overall Incidence	Total	3/150	(2%)	Mean 2%	SD 2%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Skin:									
Liposarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Skin:									
Mast Cell Tumor Benign									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Male					Female				
#Skin:									
Myxosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
					SD 0%				
#Skin:									
Neurofibrosarcoma or Schwannoma (malignant or NOS)									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			1/50	(2%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
					SD 1%				
#Skin:									
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			1/50	(2%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%
					SD 1%				
#Skin:									
Osteosarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
					SD 0%				
#Skin:									
Sarcoma									
		0/50	(0%)		0/50	(0%)		1/50	(2%)
		0/50	(0%)			0/50	(0%)		2/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	3/200	(1.5%)	Mean 1.5%
					SD 1.91%				

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male						Female					
#Skin:											
Schwannoma Malignant											
		0/50	(0%)		0/50	(0%)		1/50	(2%)	0/50	(0%)
		0/50	(0%)					0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/200	(0.5%)	Mean 0.5%	SD 1%	
#Skin:											
Squamous Cell Carcinoma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)
		0/50	(0%)					0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%	SD 0%	
#Skin:											
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)
		0/50	(0%)					0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%	SD 0%	
#Skin:											
Squamous Cell Papilloma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)
		0/50	(0%)					0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%	SD 0%	
#Skin:											
Squamous Cell Papilloma or Papilloma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)
		0/50	(0%)					0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male					Female						
#Skin:											
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)
		0/50	(0%)				0/50	(0%)			
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%		Total	0/200	(0%)	Mean 0%	SD 0%
#Skin:											
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)
		0/50	(0%)				0/50	(0%)			
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%		Total	0/200	(0%)	Mean 0%	SD 0%
#Skin:											
Trichoepithelioma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	1/50	(2%)
		0/50	(0%)				0/50	(0%)			
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%		Total	1/200	(0.5%)	Mean 0.5%	SD 1%
#Skin: Sebaceous Gland:											
Adenoma											
		0/50	(0%)		0/50	(0%)		1/50	(2%)	0/50	(0%)
		0/50	(0%)				0/50	(0%)			
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%		Total	1/200	(0.5%)	Mean 0.5%	SD 1%
#Skin: Sebaceous Gland:											
Carcinoma											
		0/50	(0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)
		1/50	(2%)				0/50	(0%)			
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%		Total	0/200	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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 Report Date: 03/22/2010

Male					Female				
#Skin: Sebaceous Gland: Carcinoma or Adenoma									
		0/50 (0%)		0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		1/50 (2%)				0/50 (0%)			
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
#Spinal Cord: Meningioma Malignant									
		1/50 (2%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
*Spleen: Fibrous Histiocytoma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/48 (0%)	0/48 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/196 (0%)	Mean 0%	SD 0%	
.....									
*Spleen: Hemangioma									
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/48 (0%)	0/48 (0%)	
		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/196 (0%)	Mean 0%	SD 0%	
.....									
*Spleen: Hemangiosarcoma									
		0/50 (0%)		1/50 (2%)		2/50 (4%)	1/48 (2%)	1/48 (2%)	
		2/50 (4%)				0/50 (0%)			
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 2%	Total	4/196 (2.04%)	Mean 2.04%	SD 1.63%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: FEED

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: FEED

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Male					Female				
*Thymus:									
Thymoma Malignant									
		0/41	(0%)		0/44	(0%)		0/49	(0%)
		0/45	(0%)					0/49	(0%)
Overall Incidence	Total	0/130	(0%)	Mean 0%	SD 0%	Total	0/197	(0%)	Mean 0%
*Thymus:									
Thymoma: Benign, Malignant, NOS									
		0/41	(0%)		0/44	(0%)		0/50	(0%)
		0/45	(0%)					0/49	(0%)
Overall Incidence	Total	0/130	(0%)	Mean 0%	SD 0%	Total	0/197	(0%)	Mean 0%
*Thyroid Gland: C-Cell:									
Carcinoma									
		0/50	(0%)		0/50	(0%)		0/48	(0%)
		0/48	(0%)					0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean 0%	SD 0%	Total	0/198	(0%)	Mean 0%
*Thyroid Gland: C-Cell:									
Carcinoma or Adenoma									
		0/50	(0%)		0/50	(0%)		0/48	(0%)
		0/48	(0%)					0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean 0%	SD 0%	Total	0/198	(0%)	Mean 0%
*Thyroid Gland: Follicular Cell:									
Adenoma									
		0/50	(0%)		1/50	(2%)		1/50	(2%)
		0/48	(0%)					0/50	(0%)
Overall Incidence	Total	1/148	(0.68%)	Mean 0.67%	SD 1.15%	Total	1/198	(0.51%)	Mean 0.5%

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Male					Female					
*Thyroid Gland: Follicular Cell: Carcinoma										
		0/50 0/48	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	0/148 (0%)		Mean 0%	SD 0%	Total	0/198 (0%)		Mean 0%	SD 0%
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma										
		0/50 0/48	(0%) (0%)		1/50 (2%)		1/50 0/50	(2%) (0%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	1/148 (0.68%)		Mean 0.67%	SD 1.15%	Total	1/198 (0.51%)		Mean 0.5%	SD 1%
#Tissue NOS: Carcinoma										
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%	Total	0/200 (0%)		Mean 0%	SD 0%
#Tissue NOS: Hemangiosarcoma										
		0/50 0/50	(0%) (0%)		0/50 (0%)		1/50 0/50	(2%) (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%	Total	1/200 (0.5%)		Mean 0.5%	SD 1%
#Tissue NOS: Plasma Cell Tumor Malignant										
		0/50 0/50	(0%) (0%)		0/50 (0%)		0/50 0/50	(0%) (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%	SD 0%	Total	0/200 (0%)		Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male					Female				
#Tissue NOS: Sarcoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Tongue: Fibroma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Tongue: Squamous Cell Carcinoma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%
#Tongue: Squamous Cell Papilloma									
		0/50	(0%)		0/50	(0%)		0/50	(0%)
		0/50	(0%)			0/50	(0%)		0/50
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/200	(0%)	Mean 0%
									SD 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: FEED

Report Date: 03/22/2010

Male												Female						
#Tooth: Odontoma																		
		0/50 0/50	(0%) (0%)			0/50 (0%)			0/50 0/50	(0%) (0%)			0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/200	(0%)	Mean	0%	SD	0%				
*Urinary Bladder: Hemangioma																		
		0/50 0/50	(0%) (0%)			0/49 (0%)			0/49 0/50	(0%) (0%)			0/50 (0%)			0/49 (0%)		
Overall Incidence	Total	0/149	(0%)	Mean	0%	SD	0%	Total	0/198	(0%)	Mean	0%	SD	0%				
*Urinary Bladder: Hemangiosarcoma																		
		0/50 0/50	(0%) (0%)			0/49 (0%)			0/49 0/50	(0%) (0%)			0/50 (0%)			0/49 (0%)		
Overall Incidence	Total	0/149	(0%)	Mean	0%	SD	0%	Total	0/198	(0%)	Mean	0%	SD	0%				
*Urinary Bladder: Plasma Cell Tumor Malignant																		
		0/50 0/50	(0%) (0%)			0/49 (0%)			0/49 0/50	(0%) (0%)			0/50 (0%)			0/49 (0%)		
Overall Incidence	Total	0/149	(0%)	Mean	0%	SD	0%	Total	0/198	(0%)	Mean	0%	SD	0%				
*Urinary Bladder: Sarcoma																		
		0/50 0/50	(0%) (0%)			0/49 (0%)			0/49 0/50	(0%) (0%)			0/50 (0%)			0/49 (0%)		
Overall Incidence	Total	0/149	(0%)	Mean	0%	SD	0%	Total	0/198	(0%)	Mean	0%	SD	0%				

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Male			Female			
#Uterus: Adenoma						
			0/50 0/50	(0%) (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total		0/200	(0%)	Mean 0%	SD 0%
#Uterus: Carcinoma						
			0/50 0/50	(0%) (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total		0/200	(0%)	Mean 0%	SD 0%
#Uterus: Hemangioma						
			0/50 0/50	(0%) (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total		0/200	(0%)	Mean 0%	SD 0%
#Uterus: Hemangiosarcoma						
			0/50 0/50	(0%) (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total		0/200	(0%)	Mean 0%	SD 0%
#Uterus: Leiomyoma						
			0/50 0/50	(0%) (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total		1/200	(0.5%)	Mean 0.5%	SD 1%
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Male			Female			
#Uterus: Leiomyosarcoma						
		2/50 (4%)	0/50 (0%)	0/50 (0%)		
		0/50 (0%)				
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 2%		
#Uterus: Polyp Stromal						
		2/50 (4%)	0/50 (0%)	2/50 (4%)		
		4/50 (8%)				
Overall Incidence	Total	8/200 (4%)	Mean 4%	SD 3.27%		
#Uterus: Sarcoma Stromal						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		
		0/50 (0%)				
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%		
#Uterus: Sarcoma Stromal or Polyp Stromal						
		2/50 (4%)	0/50 (0%)	2/50 (4%)		
		4/50 (8%)				
Overall Incidence	Total	8/200 (4%)	Mean 4%	SD 3.27%		
#Uterus: Schwannoma Malignant						
		1/50 (2%)	0/50 (0%)	0/50 (0%)		
		0/50 (0%)				
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%		
*: Denominator is number of animals with tissues examined microscopically						
#: Denominator is number of animals necropsied						

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Male			Female				
#Vagina:							
Liposarcoma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)				
Overall Incidence	Total	0/200	(0%)	Mean	0%	SD	0%
#Vagina:							
Squamous Cell Papilloma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)				
Overall Incidence	Total	0/200	(0%)	Mean	0%	SD	0%
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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Report Date: 03/22/2010

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Southern Research Institute	052011406	09/04/02	729	50(1)	33(700)	55.6	Sodium dichromate dihydrate (VI)
Southern Research Institute	059601906	10/10/01	729	50(1)	38(696)	54.1	Water disinfection byproducts (Bromochloroacetic acid)
Southern Research Institute	059601506	08/22/01	729	50(1)	40(697)	54.0	Water disinfection byproducts (Dibromoacetonitrile)
Female							
Southern Research Institute	052011406	09/04/02	735	50(5)	35(701)	64.3	Sodium dichromate dihydrate (VI)
Southern Research Institute	059601906	10/10/01	734	50(5)	36(693)	63.0	Water disinfection byproducts (Bromochloroacetic acid)
Southern Research Institute	059601506	08/22/01	731	50(5)	35(705)	60.9	Water disinfection byproducts (Dibromoacetonitrile)

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 03/22/2010

Male					Female				
#All Organs: Benign Tumors									
		42/50 (84%)	41/50 (82%)	32/50 (64%)		27/50 (54%)	32/50 (64%)	29/50 (58%)	
Overall Incidence	Total	115/150 (76.67%)	Mean 76.67%	SD 11.02%	Total	88/150 (58.67%)	Mean 58.67%	SD 5.03%	
.....									
#All Organs: Malignant Tumors									
		31/50 (62%)	36/50 (72%)	29/50 (58%)		22/50 (44%)	38/50 (76%)	31/50 (62%)	
Overall Incidence	Total	96/150 (64%)	Mean 64%	SD 7.21%	Total	91/150 (60.67%)	Mean 60.67%	SD 16.04%	
.....									
#All Organs: Malignant and Benign Tumors									
		49/50 (98%)	47/50 (94%)	41/50 (82%)		36/50 (72%)	43/50 (86%)	44/50 (88%)	
Overall Incidence	Total	137/150 (91.33%)	Mean 91.33%	SD 8.33%	Total	123/150 (82%)	Mean 82%	SD 8.72%	
.....									
#All Organs: Hemangioma									
		0/50 (0%)	1/50 (2%)	1/50 (2%)		1/50 (2%)	2/50 (4%)	0/50 (0%)	
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	3/150 (2%)	Mean 2%	SD 2%	
.....									
#All Organs: Hemangiosarcoma									
		4/50 (8%)	3/50 (6%)	1/50 (2%)		2/50 (4%)	1/50 (2%)	3/50 (6%)	
Overall Incidence	Total	8/150 (5.33%)	Mean 5.33%	SD 3.06%	Total	6/150 (4%)	Mean 4%	SD 2%	
.....									
#All Organs: Hemangiosarcoma or Hemangioma									
		4/50 (8%)	4/50 (8%)	2/50 (4%)		3/50 (6%)	3/50 (6%)	3/50 (6%)	
Overall Incidence	Total	10/150 (6.67%)	Mean 6.67%	SD 2.31%	Total	9/150 (6%)	Mean 6%	SD 0%	
.....									

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 03/22/2010

Male										Female					
#All Organs:															
Histiocytic Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	1/50	(2%)	4/50	(8%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	7/150	(4.67%)	Mean	4.67%	SD	3.06%	
#All Organs:															
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type															
		2/50	(4%)	2/50	(4%)	0/50	(0%)			7/50	(14%)	18/50	(36%)	9/50	(18%)
Overall Incidence	Total	4/150	(2.67%)	Mean	2.67%	SD	2.31%	Total	34/150	(22.67%)	Mean	22.67%	SD	11.72%	
#All Organs:															
Mesothelioma: Benign, Malignant, NOS															
		2/50	(4%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/150	(1.33%)	Mean	1.33%	SD	2.31%	Total	0/150	(0%)	Mean	0%	SD	0%	
#All Organs:															
Mesothelioma: Malignant															
		2/50	(4%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/150	(1.33%)	Mean	1.33%	SD	2.31%	Total	0/150	(0%)	Mean	0%	SD	0%	
#All Organs:															
Osteoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	
#All Organs:															
Osteosarcoma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 03/22/2010

Male					Female				
#All Organs:									
Osteosarcoma or Osteoma									
		1/50 (2%)	0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
*Adrenal Cortex:									
Adenoma									
		7/49 (14%)	9/50 (18%)	6/50 (12%)			0/49 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	22/149 (14.77%)	Mean 14.76%	SD 3.03%	Total	0/149 (0%)	Mean 0%	SD 0%	
*Adrenal Cortex:									
Plasma Cell Tumor Malignant									
		0/49 (0%)	0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%	
*Adrenal Medulla:									
Pheochromocytoma Benign									
		0/49 (0%)	0/50 (0%)	1/49 (2%)			0/49 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/148 (0.68%)	Mean 0.68%	SD 1.18%	Total	0/149 (0%)	Mean 0%	SD 0%	
*Adrenal Medulla:									
Pheochromocytoma Complex									
		0/49 (0%)	0/50 (0%)	0/49 (0%)			0/49 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	
*Adrenal Medulla:									
Pheochromocytoma Malignant									
		0/49 (0%)	0/50 (0%)	0/49 (0%)			0/49 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

		Male						Female						
*Clitoral/Preputial Gland: Adenoma														
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	1/49	(2%)	Total	0/50	(0%)	0/43	(0%)	0/47	(0%)
		1/147	(0.68%)	Mean	0.68%	SD	1.18%		0/140	(0%)	Mean	0%	SD	0%
<hr/>														
*Clitoral/Preputial Gland: Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	0/49	(0%)	Total	0/50	(0%)	0/43	(0%)	0/47	(0%)
		0/147	(0%)	Mean	0%	SD	0%		0/140	(0%)	Mean	0%	SD	0%
<hr/>														
*Clitoral/Preputial Gland: Carcinoma or Adenoma														
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	1/49	(2%)	Total	0/50	(0%)	0/43	(0%)	0/47	(0%)
		1/147	(0.68%)	Mean	0.68%	SD	1.18%		0/140	(0%)	Mean	0%	SD	0%
<hr/>														
*Clitoral/Preputial Gland: Hemangioma														
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	0/49	(0%)	Total	0/50	(0%)	0/43	(0%)	0/47	(0%)
		0/147	(0%)	Mean	0%	SD	0%		0/140	(0%)	Mean	0%	SD	0%
<hr/>														
*Clitoral/Preputial Gland: Hemangiosarcoma														
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	0/49	(0%)	Total	0/50	(0%)	0/43	(0%)	0/47	(0%)
		0/147	(0%)	Mean	0%	SD	0%		0/140	(0%)	Mean	0%	SD	0%
<hr/>														
*Clitoral/Preputial Gland: Squamous Cell Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/48	(0%)	0/49	(0%)	Total	0/50	(0%)	0/43	(0%)	0/47	(0%)
		0/147	(0%)	Mean	0%	SD	0%		0/140	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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Male								Female							
#Intestine Small: Ileum: Polyp Adenomatous															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Jejunum: Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Jejunum: Carcinoma															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	1/50	(2%)	Total	1/50	(2%)	1/50	(2%)	0/50	(0%)	
		2/150	(1.33%)	Mean	1.33%	SD	1.15%		2/150	(1.33%)	Mean	1.33%	SD	1.15%	
.....															
#Intestine Small: Jejunum: Hemangiosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Jejunum: Leiomyosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Site Unspecified: Adenoma															
Overall Incidence	Total	1/50	(2%)	3/50	(6%)	1/50	(2%)	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	
		5/150	(3.33%)	Mean	3.33%	SD	2.31%		1/150	(0.67%)	Mean	0.67%	SD	1.15%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male														Female					
*Kidney: Renal Tubule: Hemangiosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%	0%		
*Kidney: Renal Tubule: Plasma Cell Tumor Malignant																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%	0%		
*Kidney: Renal Tubule: Sarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/150	(0%)	Mean	0%	SD	0%	0%		
*Liver: Fibrous Histiocytoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%			Total	0/149	(0%)	Mean	0%	SD	0%	0%		
*Liver: Hemangioma																			
		0/50	(0%)	0/50	(0%)	1/50	(2%)			1/49	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%			Total	1/149	(0.67%)	Mean	0.68%	SD	1.18%	0%		
*Liver: Hemangiosarcoma																			
		1/50	(2%)	2/50	(4%)	0/50	(0%)			1/49	(2%)	0/50	(0%)	2/50	(4%)	0/50	(0%)		
Overall Incidence	Total	3/150	(2%)	Mean	2%	SD	2%			Total	3/149	(2.01%)	Mean	2.01%	SD	2%	0%		

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 03/22/2010

Male					Female				
*Liver: Hepatoblastoma									
		17/50 (34%)	4/50 (8%)	1/50 (2%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	22/150 (14.67%)	Mean 14.67%	SD 17.01%	Total	0/149 (0%)	Mean 0%	SD 0%	
.....									
*Liver: Hepatocellular Adenoma									
		36/50 (72%)	27/50 (54%)	29/50 (58%)		14/49 (29%)	27/50 (54%)	19/50 (38%)	
Overall Incidence	Total	92/150 (61.33%)	Mean 61.33%	SD 9.45%	Total	60/149 (40.27%)	Mean 40.19%	SD 12.86%	
.....									
*Liver: Hepatocellular Carcinoma									
		14/50 (28%)	19/50 (38%)	24/50 (48%)		8/49 (16%)	14/50 (28%)	10/50 (20%)	
Overall Incidence	Total	57/150 (38%)	Mean 38%	SD 10%	Total	32/149 (21.48%)	Mean 21.44%	SD 5.97%	
.....									
*Liver: Hepatocellular Carcinoma or Hepatoblastoma									
		25/50 (50%)	21/50 (42%)	24/50 (48%)		8/49 (16%)	14/50 (28%)	10/50 (20%)	
Overall Incidence	Total	70/150 (46.67%)	Mean 46.67%	SD 4.16%	Total	32/149 (21.48%)	Mean 21.44%	SD 5.97%	
.....									
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma									
		42/50 (84%)	34/50 (68%)	37/50 (74%)		17/49 (35%)	31/50 (62%)	27/50 (54%)	
Overall Incidence	Total	113/150 (75.33%)	Mean 75.33%	SD 8.08%	Total	75/149 (50.34%)	Mean 50.23%	SD 14.04%	
.....									
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
		46/50 (92%)	35/50 (70%)	37/50 (74%)		17/49 (35%)	31/50 (62%)	27/50 (54%)	
Overall Incidence	Total	118/150 (78.67%)	Mean 78.67%	SD 11.72%	Total	75/149 (50.34%)	Mean 50.23%	SD 14.04%	

#: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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Report Date: 03/22/2010

Male			Female				
*Ovary: Granulosa Cell Tumor Malignant							
Overall Incidence	Total	0/50 (0%)	0/47 (0%)	0/50 (0%)			
		0/147 (0%)	Mean 0%	SD 0%			
.....							
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS							
Overall Incidence		Total	0/50 (0%)	0/47 (0%)	1/50 (2%)		
	1/147 (0.68%)		Mean 0.67%	SD 1.15%			
.....							
*Ovary: Hemangioma							
Overall Incidence	Total		0/50 (0%)	0/47 (0%)	0/50 (0%)		
		0/147 (0%)	Mean 0%	SD 0%			
.....							
*Ovary: Hemangiosarcoma							
Overall Incidence		Total	0/50 (0%)	0/47 (0%)	0/50 (0%)		
	0/147 (0%)		Mean 0%	SD 0%			
.....							
*Ovary: Leiomyosarcoma							
Overall Incidence	Total		0/50 (0%)	0/47 (0%)	0/50 (0%)		
		0/147 (0%)	Mean 0%	SD 0%			
.....							
*Ovary: Luteoma							
Overall Incidence		Total	0/50 (0%)	0/47 (0%)	0/50 (0%)		
	0/147 (0%)		Mean 0%	SD 0%			
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male										Female					
*Pancreas: Carcinoma or Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/48	(0%)	1/49	(2%)	0/49	(0%)
Overall Incidence	Total	0/149	(0%)	Mean	0%	SD	0%	Total		1/146	(0.68%)	Mean	0.68%	SD	1.18%
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma															
		0/49	(0%)	1/50	(2%)	0/49	(0%)			3/48	(6%)	4/48	(8%)	2/48	(4%)
Overall Incidence	Total	1/148	(0.68%)	Mean	0.67%	SD	1.15%	Total		9/144	(6.25%)	Mean	6.25%	SD	2.08%
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma															
		0/49	(0%)	0/50	(0%)	0/49	(0%)			0/48	(0%)	0/48	(0%)	0/48	(0%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total		0/144	(0%)	Mean	0%	SD	0%
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma															
		0/49	(0%)	1/50	(2%)	0/49	(0%)			3/48	(6%)	4/48	(8%)	2/48	(4%)
Overall Incidence	Total	1/148	(0.68%)	Mean	0.67%	SD	1.15%	Total		9/144	(6.25%)	Mean	6.25%	SD	2.08%
*Pituitary Gland: Pars Intermedia: Adenoma															
		0/49	(0%)	1/50	(2%)	0/49	(0%)			0/48	(0%)	0/48	(0%)	0/48	(0%)
Overall Incidence	Total	1/148	(0.68%)	Mean	0.67%	SD	1.15%	Total		0/144	(0%)	Mean	0%	SD	0%
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma															
		0/49	(0%)	1/50	(2%)	0/49	(0%)			0/48	(0%)	0/48	(0%)	0/48	(0%)
Overall Incidence	Total	1/148	(0.68%)	Mean	0.67%	SD	1.15%	Total		0/144	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

Male										Female											
*Prostate: Adenoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)														
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%														
.....																					
*Prostate: Carcinoma or Adenoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)														
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%														
.....																					
*Prostate: Hemangioma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)														
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%														
.....																					
*Salivary Glands: Carcinoma																					
		0/49	(0%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	1/149	(0.67%)	Mean	0.67%	SD	1.15%	Total		0/150	(0%)	Mean	0%	SD	0%						
.....																					
*Salivary Glands: Carcinoma or Adenoma																					
		0/49	(0%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	1/149	(0.67%)	Mean	0.67%	SD	1.15%	Total		0/150	(0%)	Mean	0%	SD	0%						
.....																					
*Salivary Glands: Mast Cell Tumor Malignant																					
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/149	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%						

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male										Female									
#Seminal Vesicle: Adenoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)												
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%												

#Skeletal Muscle: Fibrosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				

#Skeletal Muscle: Hemangiosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				

#Skeletal Muscle: Myxosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				

#Skeletal Muscle: Rhabdomyosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				

#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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Report Date: 03/22/2010

Male					Female						
#Skeletal Muscle: Sarcoma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%	0/150	(0%)	Mean	0%
.....											
#Skin: Basal Cell Adenoma or Basosquamous Tumor Benign											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%	0/150	(0%)	Mean	0%
.....											
#Skin: Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma											
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%	0/150	(0%)	Mean	0%
.....											
#Skin: Basal Cell Carcinoma											
Overall Incidence	Total	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%	0/150	(0%)	Mean	0%
.....											
#Skin: Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)											
Overall Incidence	Total	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%	0/150	(0%)	Mean	0%
.....											
#Skin: Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma											
Overall Incidence	Total	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%	0/150	(0%)	Mean	0%
.....											

.....
*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 03/22/2010

Male					Female				
#Skin: Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma									
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Skin: Basosquamous Tumor Benign									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Skin: Fibroma									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Skin: Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		2/50 (4%)	2/50 (4%)	4/50 (8%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	8/150 (5.33%)	Mean 5.33%	SD 2.31%	
#Skin: Fibrosarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	4/50 (8%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	5/150 (3.33%)	Mean 3.33%	SD 4.16%	
#Skin: Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	2/50 (4%)	4/50 (8%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	8/150 (5.33%)	Mean 5.33%	SD 2.31%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

Male														Female					
#Skin:																			
Fibrous Histiocytoma																			
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)					
		0/150	(0%)	Mean	0%	SD	0%		1/150	(0.67%)	Mean	0.67%	SD	1.15%					
.....																			
#Skin:																			
Granular Cell Tumor Benign																			
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%					
.....																			
#Skin:																			
Hemangioma																			
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	2/50	(4%)	0/50	(0%)					
		0/150	(0%)	Mean	0%	SD	0%		2/150	(1.33%)	Mean	1.33%	SD	2.31%					
.....																			
#Skin:																			
Hemangiosarcoma																			
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)					
		0/150	(0%)	Mean	0%	SD	0%		1/150	(0.67%)	Mean	0.67%	SD	1.15%					
.....																			
#Skin:																			
Liposarcoma																			
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%					
.....																			
#Skin:																			
Mast Cell Tumor Benign																			
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%					

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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Male								Female							
#Skin: Myxosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Neurofibrosarcoma or Schwannoma (malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Osteosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	2/150	(1.33%)	Mean	1.33%	SD	1.15%	
.....															
#Skin: Schwannoma Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 03/22/2010

Male						Female								
#Skin:														
Squamous Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma														
		1/50	(2%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Papilloma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Papilloma or Papilloma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: WATER

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Report Date: 03/22/2010

Male										Female					
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma															
Overall Incidence	Total	1/50 (2%)	3/50 (6%)	3/50 (6%)						1/50 (2%)	3/50 (6%)	1/49 (2%)			
		7/150 (4.67%)	Mean 4.67%	SD 2.31%						5/149 (3.36%)	Mean 3.35%	SD 2.3%			

#Tissue NOS: Carcinoma															
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)						0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/150 (0%)	Mean 0%	SD 0%						0/150 (0%)	Mean 0%	SD 0%			

#Tissue NOS: Hemangiosarcoma															
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)						0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/150 (0%)	Mean 0%	SD 0%						0/150 (0%)	Mean 0%	SD 0%			

#Tissue NOS: Plasma Cell Tumor Malignant															
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)						0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/150 (0%)	Mean 0%	SD 0%						0/150 (0%)	Mean 0%	SD 0%			

#Tissue NOS: Sarcoma															
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)						0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/150 (0%)	Mean 0%	SD 0%						0/150 (0%)	Mean 0%	SD 0%			

#Tongue: Fibroma															
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)						0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/150 (0%)	Mean 0%	SD 0%						0/150 (0%)	Mean 0%	SD 0%			

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: WATER

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

Page: 278
Report Date: 03/22/2010

Male			Female				
#Uterus: Leiomyoma							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
#Uterus: Leiomyosarcoma							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
#Uterus: Polyp Stromal							
Overall Incidence	Total	1/50	(2%)	2/50	(4%)	1/50	(2%)
		4/150	(2.67%)	Mean	2.67%	SD	1.15%
.....							
#Uterus: Sarcoma Stromal							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
#Uterus: Sarcoma Stromal or Polyp Stromal							
Overall Incidence	Total	1/50	(2%)	2/50	(4%)	1/50	(2%)
		4/150	(2.67%)	Mean	2.67%	SD	1.15%
.....							
#Uterus: Schwannoma Malignant							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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Report Date: 03/22/2010

Male				Female			
#Vagina:							
Liposarcoma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%
#Vagina:							
Squamous Cell Papilloma							
		1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Report Date: 03/22/2010

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Columbus Laboratory	059902806	10/03/02	728	50(1)	37(682)	53.5	bis(2-Chloroethoxy)methane
Battelle Columbus Laboratory	059700308	06/25/02	730	50(1)	34(702)	54.2	1,2-Dibromo-2,4-dicyanobutane
Southern Research Institute	059500306	04/26/04	729	50(1)	34(694)	54.6	Methyl trans-styryl ketone
Female							
Battelle Columbus Laboratory	059902806	10/02/02	727	50(1)	31(692)	60.8	bis(2-Chloroethoxy)methane
Battelle Columbus Laboratory	059700308	06/24/02	729	50(1)	33(693)	60.9	1,2-Dibromo-2,4-dicyanobutane
Southern Research Institute	059500306	04/26/04	731	50(1)	37(709)	64.6	Methyl trans-styryl ketone

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 03/22/2010

Male					Female				
#All Organs: Benign Tumors									
		41/50 (82%)	40/50 (80%)	37/50 (74%)		27/50 (54%)	39/50 (78%)	33/50 (66%)	
Overall Incidence	Total	118/150 (78.67%)	Mean 78.67%	SD 4.16%	Total	99/150 (66%)	Mean 66%	SD 12%	
#All Organs: Malignant Tumors									
		26/50 (52%)	27/50 (54%)	37/50 (74%)		31/50 (62%)	31/50 (62%)	42/50 (84%)	
Overall Incidence	Total	90/150 (60%)	Mean 60%	SD 12.17%	Total	104/150 (69.33%)	Mean 69.33%	SD 12.7%	
#All Organs: Malignant and Benign Tumors									
		48/50 (96%)	45/50 (90%)	49/50 (98%)		44/50 (88%)	46/50 (92%)	48/50 (96%)	
Overall Incidence	Total	142/150 (94.67%)	Mean 94.67%	SD 4.16%	Total	138/150 (92%)	Mean 92%	SD 4%	
#All Organs: Hemangioma									
		2/50 (4%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 2%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
#All Organs: Hemangiosarcoma									
		5/50 (10%)	6/50 (12%)	6/50 (12%)		7/50 (14%)	1/50 (2%)	5/50 (10%)	
Overall Incidence	Total	17/150 (11.33%)	Mean 11.33%	SD 1.15%	Total	13/150 (8.67%)	Mean 8.67%	SD 6.11%	
#All Organs: Hemangiosarcoma or Hemangioma									
		7/50 (14%)	6/50 (12%)	7/50 (14%)		8/50 (16%)	1/50 (2%)	5/50 (10%)	
Overall Incidence	Total	20/150 (13.33%)	Mean 13.33%	SD 1.15%	Total	14/150 (9.33%)	Mean 9.33%	SD 7.02%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 03/22/2010

		Male						Female							
#All Organs:															
Osteosarcoma or Osteoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	3/150	(2%)	Mean	2%	SD	2%	
*Adrenal Cortex:															
Adenoma															
		6/49	(12%)	6/50	(12%)	6/50	(12%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	18/149	(12.08%)	Mean	12.08%	SD	0.14%	Total	0/150	(0%)	Mean	0%	SD	0%	
*Adrenal Cortex:															
Plasma Cell Tumor Malignant															
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
*Adrenal Medulla:															
Pheochromocytoma Benign															
		0/49	(0%)	0/50	(0%)	0/49	(0%)			0/50	(0%)	2/50	(4%)	0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total	2/150	(1.33%)	Mean	1.33%	SD	2.31%	
*Adrenal Medulla:															
Pheochromocytoma Complex															
		0/49	(0%)	0/50	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
*Adrenal Medulla:															
Pheochromocytoma Malignant															
		0/49	(0%)	1/50	(2%)	0/49	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	1/148	(0.68%)	Mean	0.67%	SD	1.15%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	

#: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

Male										Female					
#Bone: Osteosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		3/150	(2%)	Mean	2%	SD	2%
.....															
#Bone: Osteosarcoma or Osteoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		3/150	(2%)	Mean	2%	SD	2%
.....															
*Brain: Meningioma Benign															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
.....															
*Brain: Meningioma Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
.....															
*Brain: Meningioma: Benign, Malignant, NOS															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
.....															
*Brain: Schwannoma Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 03/22/2010

		Male				Female			
#Esophagus: Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%
#Eye: Sarcoma									
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/150	(0%)	Mean 0%
#Harderian Gland: Adenoma									
		10/50	(20%)	7/50	(14%)	2/50	(4%)	3/50	(6%)
Overall Incidence	Total	19/150	(12.67%)	Mean 12.67%	SD 8.08%	Total	13/150	(8.67%)	Mean 8.67%
#Harderian Gland: Carcinoma									
		2/50	(4%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	3/150	(2%)	Mean 2%	SD 2%	Total	2/150	(1.33%)	Mean 1.33%
#Harderian Gland: Carcinoma or Adenoma									
		12/50	(24%)	7/50	(14%)	3/50	(6%)	3/50	(6%)
Overall Incidence	Total	22/150	(14.67%)	Mean 14.67%	SD 9.02%	Total	15/150	(10%)	Mean 10%
#Harderian Gland: Sarcoma									
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/150	(0%)	Mean 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 03/22/2010

Male					Female				
#Intestine Small: Site Unspecified: Carcinoma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
.....									
#Intestine Small: Site Unspecified: Carcinoma or Adenoma									
		0/50 (0%)	0/50 (0%)	2/50 (4%)			0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
.....									
#Intestine Small: Site Unspecified: Hemangiosarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
.....									
#Intestine Small: Site Unspecified: Leiomyosarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified: Polyp Adenomatous									
		0/50 (0%)	0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Islets, Pancreatic: Adenoma									
		0/50 (0%)	0/50 (0%)	2/50 (4%)			0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: ETHANOL

Report Date: 03/22/2010

Male										Female					
*Islets, Pancreatic: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
*Islets, Pancreatic: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	2/50	(4%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	2/150	(1.33%)	Mean	1.33%	SD	2.31%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%
*Kidney: Renal Tubule: Adenoma															
		0/50	(0%)	0/50	(0%)	1/48	(2%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	1/148	(0.68%)	Mean	0.69%	SD	1.2%	Total		0/149	(0%)	Mean	0%	SD	0%
*Kidney: Renal Tubule: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/48	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total		0/149	(0%)	Mean	0%	SD	0%
*Kidney: Renal Tubule: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	1/48	(2%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	1/148	(0.68%)	Mean	0.69%	SD	1.2%	Total		0/149	(0%)	Mean	0%	SD	0%
*Kidney: Renal Tubule: Hemangioma															
		0/50	(0%)	0/50	(0%)	0/48	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total		0/149	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Vehicle: ETHANOL

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Report Date: 03/22/2010

Male										Female					
*Kidney: Renal Tubule: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/48	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total		0/149	(0%)	Mean	0%	SD	0%
*Kidney: Renal Tubule: Plasma Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/48	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total		0/149	(0%)	Mean	0%	SD	0%
*Kidney: Renal Tubule: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/48	(0%)			0/50	(0%)	0/50	(0%)	1/49	(2%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total		1/149	(0.67%)	Mean	0.68%	SD	1.18%
*Liver: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%
*Liver: Hemangioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
*Liver: Hemangiosarcoma															
		1/50	(2%)	1/50	(2%)	4/50	(8%)			2/50	(4%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	6/150	(4%)	Mean	4%	SD	3.46%	Total		4/150	(2.67%)	Mean	2.67%	SD	1.15%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

Male										Female					
*Lung: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%
*Lung: Plasma Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
*Lung: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
#Lymph Node: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%
#Lymph Node: Hemangioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%
#Lymph Node: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Vehicle: ETHANOL

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Report Date: 03/22/2010

Male										Female					
#Lymph Node: Plasma Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

#Lymph Node: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

#Lymph Node, Bronchial: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

#Lymph Node, Mandibular: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	

#Lymph Node, Mandibular: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

#Lymph Node, Mandibular: Mast Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Report Date: 03/22/2010

Male										Female					
#Mammary Gland: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Mammary Gland: Carcinoma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	0/50	(0%)	2/50	(4%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	4/150	(2.67%)	Mean	2.67%	SD	2.31%	
#Mammary Gland: Carcinoma or Adenoma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	0/50	(0%)	2/50	(4%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	4/150	(2.67%)	Mean	2.67%	SD	2.31%	
#Mammary Gland: Fibroadenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)			2/50	(4%)	0/50	(0%)	2/50	(4%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	4/150	(2.67%)	Mean	2.67%	SD	2.31%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Mar2010

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Vehicle: ETHANOL

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Report Date: 03/22/2010

Male										Female					
#Mesentery: Fibrosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Mesentery: Hemangioma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Mesentery: Hemangiosarcoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Mesentery: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	
*Nose: Mast Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male			Female				
*Ovary: Granulosa Cell Tumor Malignant							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/149	(0%)	Mean	0%	SD	0%
.....							
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/49
	0/149		(0%)	Mean	0%	SD	0%
.....							
*Ovary: Hemangioma							
Overall Incidence	Total		0/50	(0%)	0/50	(0%)	0/49
		0/149	(0%)	Mean	0%	SD	0%
.....							
*Ovary: Hemangiosarcoma							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/49
	0/149		(0%)	Mean	0%	SD	0%
.....							
*Ovary: Leiomyosarcoma							
Overall Incidence	Total		0/50	(0%)	0/50	(0%)	0/49
		0/149	(0%)	Mean	0%	SD	0%
.....							
*Ovary: Luteoma							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/49
	0/149		(0%)	Mean	0%	SD	0%
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

Male										Female																	
*Ovary: Plasma Cell Tumor Malignant																											
Overall Incidence		Total		0/50 0/149		(0%) (0%)		0/50 Mean		(0%) 0%		0/49 SD		(0%) 0%													
.....																											
*Ovary: Teratoma Benign																											
Overall Incidence		Total		0/50 0/149		(0%) (0%)		0/50 Mean		(0%) 0%		0/49 SD		(0%) 0%													
.....																											
*Ovary: Teratoma Malignant																											
Overall Incidence		Total		0/50 0/149		(0%) (0%)		0/50 Mean		(0%) 0%		0/49 SD		(0%) 0%													
.....																											
*Ovary: Tubulostromal Adenoma																											
Overall Incidence		Total		0/50 0/149		(0%) (0%)		0/50 Mean		(0%) 0%		0/49 SD		(0%) 0%													
.....																											
*Pancreas: Adenoma																											
Overall Incidence		Total	0/50 0/149		(0%) (0%)		0/50 Mean		(0%) 0%		0/49 SD		(0%) 0%		Total	0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%	
.....																											
*Pancreas: Carcinoma																											
Overall Incidence		Total	0/50 0/149		(0%) (0%)		0/50 Mean		(0%) 0%		0/49 SD		(0%) 0%		Total	0/50 0/150		(0%) (0%)		0/50 Mean		(0%) 0%		0/50 SD		(0%) 0%	

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Male						Female								
#Skeletal Muscle:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Basal Cell Adenoma or Basosquamous Tumor Benign														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Basal Cell Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%
.....														
#Skin:														
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%
.....														
#Skin:														
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Male						Female								
#Skin:														
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		1/150	(0.67%)	Mean	0.67%	SD	1.15%
.....														
#Skin:														
Basosquamous Tumor Benign														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Fibroma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Skin:														
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)	Total	0/50	(0%)	1/50	(2%)	1/50	(2%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		2/150	(1.33%)	Mean	1.33%	SD	1.15%
.....														
#Skin:														
Fibrosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		1/150	(0.67%)	Mean	0.67%	SD	1.15%
.....														
#Skin:														
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)	Total	0/50	(0%)	1/50	(2%)	1/50	(2%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		2/150	(1.33%)	Mean	1.33%	SD	1.15%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 03/22/2010

		Male				Female			
#Skin:									
Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%
#Skin:									
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%
#Skin:									
Squamous Cell Papilloma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%
#Skin:									
Squamous Cell Papilloma or Papilloma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%
#Skin:									
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%
#Skin:									
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

Male										Female					
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma															
		1/50	(2%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	1/49	(2%)
Overall Incidence	Total	2/150 (1.33%)		Mean 1.33%		SD 1.15%		Total		1/149 (0.67%)		Mean 0.68%		SD 1.18%	

#Tissue NOS: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/150 (0%)		Mean 0%		SD 0%	

#Tissue NOS: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		1/150 (0.67%)		Mean 0.67%		SD 1.15%	

#Tissue NOS: Plasma Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/150 (0%)		Mean 0%		SD 0%	

#Tissue NOS: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		1/150 (0.67%)		Mean 0.67%		SD 1.15%	

#Tongue: Fibroma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150 (0%)		Mean 0%		SD 0%		Total		0/150 (0%)		Mean 0%		SD 0%	

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Vehicle: ETHANOL

Report Date: 03/22/2010

#: Denominator is number of animals necropsied

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male			Female				
#Uterus: Leiomyoma							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
#Uterus: Leiomyosarcoma							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
#Uterus: Polyp Stromal							
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	1/50	(2%)
		2/150	(1.33%)	Mean	1.33%	SD	1.15%
.....							
#Uterus: Sarcoma Stromal							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
#Uterus: Sarcoma Stromal or Polyp Stromal							
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	1/50	(2%)
		2/150	(1.33%)	Mean	1.33%	SD	1.15%
.....							
#Uterus: Schwannoma Malignant							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Mar2010
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

Male			Female				
#Vagina:							
Liposarcoma							
		0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	1/150 (0.67%)		Mean	0.67%	SD	1.15%
#Vagina:							
Squamous Cell Papilloma							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied